ЗАКАЗ И ITD9909028C3

СЕРВИСНАЯ ИНСТРУКЦИЯ

цветного телевизора
TX-29P100T
TX-33P100T
на шасси MD2

Технические характеристики

Номер модели	TX-29P100T	TX-33P100T
Питание	источник переменного тока, 100-240 В; 50/60 Гц	
Потребляемая мощность	191 Вт / 0.7 Вт (в режиме ожидания не более)	219 Вт / 0.7 Вт (в режиме ожидания не более)
Aerial Impedance	75 Ом, несбалансированный, коаксиального типа	
Антенный разъем	частотный синтезатор, 100-позиционная (POS (позиционная)) / 125-позиционная (DIRECT)	
Система приема (число возможных систем 21)	Прием телесигналов и воспроизведение с кассетных видеомагнитофонов (КВМ) PAL B,G,H PAL I PAL D,K SECAM B,G SECAM D,K SECAM K1 NTSC M (NTSC 3.58/4.5 МГц) Воспроизведение со специальных КВМ NTSC 4.43 / 5.5 МГц NTSC 4.43 / 6.0 МГц NTSC 4.43 / 6.5 МГц NTSC 3.58 / 5.5 МГц NTSC 3.58 / 6.0 МГц NTSC 3.58 / 6.5 МГц SECAM 1 Воспроизведение со специальных дисковых плейеров и специальных КВМ PAL 60 Hz / 5.5 МГц PAL 60 Hz / 6.0 МГц PAL 60 Hz / 6.5 МГц SECAM 60 Hz / 5.5 МГц SECAM 60 Hz / 6.0 МГц SECAM 60 Hz / 6.5 МГц NTSC 50 Hz / 4.5 МГц	
Промежуточная частота	видео 38.0 МГц цвет 33.57 МГц(PAL) 33.6 МГц(SECAM) 34.42(NTSC) звук 31.5 МГц(D,K) 32.0 МГц(I) 32.5 МГц(B, G) 33.5 МГц(M)	
Видео/аудиоразъемы	AV1, 2, 3, 4 IN Y/P_B/P_R (фоно) Y:1.0 Vp-p 75 Ω P_B, P_R:0.7 Vp-p 75 Ω S-Видео (фоно) Y:1.0 Vp-p 75 Ω C:0.3 Vp-p 75 Ω Видео(фоно) 1 Vp-p 75 Ω Аудио(фоно) прибл. 400 мВ 47 kΩ Монитор OUT Видео(фоно) 1 Vp-p 75 Ω Аудио(фоно) прибл. 400 мВ 1 kΩ	
Входной разъем RGB	15-контактный D-Sub x 1(VGA) : 640 x 400, 640 x 480	
Высокое напряжение	31.5 ± 1.5 KV при нулевом токе пучка электронов	
Кинескоп	M68LQL185X тип 29 (73 см), отклонение 104°	M79LQM185X тип 33 (85 см), отклонение 104°
Система приема стереозвука	NICAM I, NICAM B/G, NICAM D, A2 (немецкая)	
Аудиовыход	40 Вт(10% THD) [17 Вт (правый) + 17 Вт (левый) + 6 Вт (центральный громкоговоритель)]	
Габариты	в : 570 мм / ш : 688 мм / т : 492 мм	в : 653 мм / ш : 790 мм / т : 555 мм
Масса	51.0 кг (нетто)	74.0 кг (нетто)
Приспособления	блок дистанционного управления, 1 шт / батарейки R6, 2 шт / коаксиальный разъем антенны на 75 кОм	

Примечание: Масса и габариты указаны приблизительно. Технические характеристики могут изменяться без уведомления.

Panasonic

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⚠ВНИМАНИЕ

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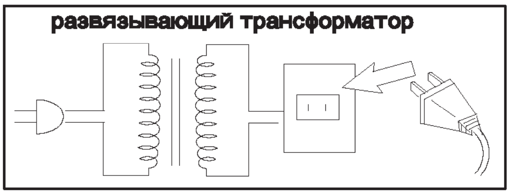
Содержание

- **Технические характеристики** ....Сбложка
- **Указания по мерам безопасности** 3
- **Расположение органов настройки и печатных плат** 5
- **Советы по обслуживанию** 6
- **Порядок проведения специального обслуживания** 8
- **Функция предпродажной проверки** 9
- **Настройка** 13
- **Схема соединений** 18
- **Схемы монтажных плат** 21
- **Принципиальные схемы** 30
- **Расположение деталей и список сменных механических деталей** . 44
- **Список сменных деталей** 45

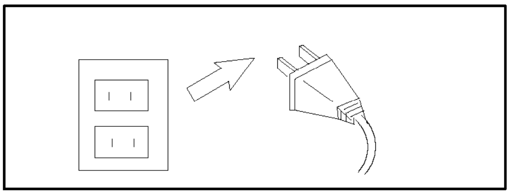
Указания по мерам безопасности

Общие меры безопасности

1. Перед обслуживанием шасси под напряжением в цепь источника питания переменного тока рекомендуется включить разделительный трансформатор.



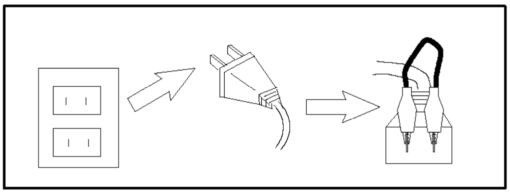
2. Во время обслуживания, особенно в высоковольтных цепях, проверяйте целостность первоначальной заделки проводов. В случае обнаружения короткого замыкания замените все детали, которые были перегреты или повреждены током короткого замыкания.
3. По окончании обслуживания проверьте правильность установки защитных устройств, таких как изолирующие барьеры, прокладки, экраны и изолирующие R-C-цепочки.
4. Если телевизор предполагается не использовать в течение длительного времени, выньте вилку шнура питания из розетки сети электропитания.



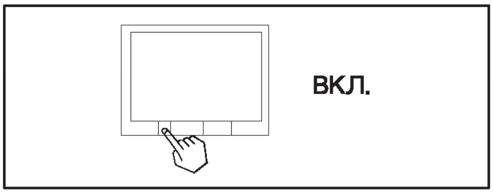
5. При работе данного телевизора в нем создается высокое напряжение, равное **33,0кВ**. Работа телевизора со снятой задней крышкой создает опасность поражения электрическим током. Обслуживание должно осуществляться только лицами, хорошо знакомыми с мерами техники безопасности при работе на высоковольтном оборудовании. Прежде, чем снимать кинескоп, обязательно разрядите его анод на шасси телевизора.
6. Чтобы исключить опасность поражения пользователя электрическим током, по окончании обслуживания проводите описанную ниже проверку тока утечки.

Холодная проверка тока утечки

1. Выньте вилку шнура питания телевизора из розетки сети электропитания и установите перемычку между двумя ее штырьками.



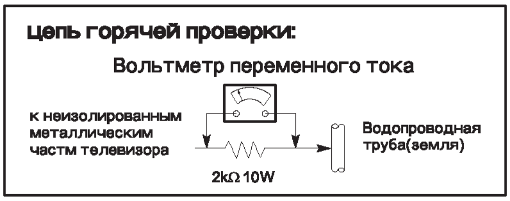
2. Включите выключатель питания телевизора.



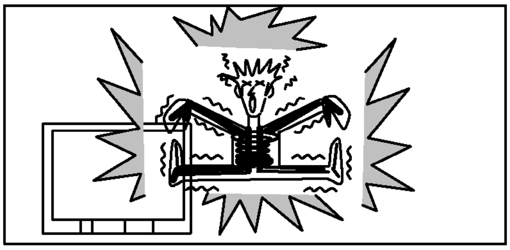
3. С помощью омметра измерьте величину сопротивления между замкнутой вилкой шнура питания и любыми неизолированными частями корпуса телевизора, такими как головки винтов, антенны, разъемы, настроечные винты потенциометров и т. д. Если неизолированная часть имеет обратное электрическое соединение с землей, то измеряемая величина сопротивления должна составлять от 4 МОм до 20 МОм, а если нет, то измеряемая величина сопротивления должна быть равна м.

Горячая проверка тока утечки

1. Вставьте вилку шнура питания телевизора прямо в розетку сети электропитания. Развязывающий трансформатор в этой проверке не используется.
2. Подключите последовательно между неизолированной металлической частью и землей, которой может служить, например, водопроводная труба, резистор 2 кОм, 10 Вт.
3. С помощью вольтметра переменного тока с большим внутренним сопротивлением измерьте падение напряжения на резисторе.
4. Измеряя напряжение в соответствующих точках, проверьте все неизолированные металлические части телевизора.


цепь горячей проверки:
Вольтметр переменного тока
к неизолированным металлическим частм телевизора
Водопроводная труба(земля)
2kΩ 10W

5. Поменяйте положение контактов вилки в розетке и повторите каждое из приведенных выше измерений.
6. Потенциал в любой точке не должен превышать **1,0 В** (среднеквадратичное значение). Выход показаний за указанные пределы означает опасность поражения электрическим током; в таком случае, перед возвратом клиенту телевизор должен быть отремонтирован и перепроверен..



Рентгеновское излучение

Предупреждения

1. Потенциальными источниками рентгеновского излучения в телевизоре являются высоковольтная часть и кинескоп.
2. Если при обслуживании используется испытательный стенд для проверки кинескопов, необходимо убедиться в том, что он может выдерживать напряжение **33,0 кВ**, не создавая рентгеновского излучения.

Замечание: Очень важно, чтобы для измерения высокого напряжения использовался точный, периодически поверяемый вольтметр.

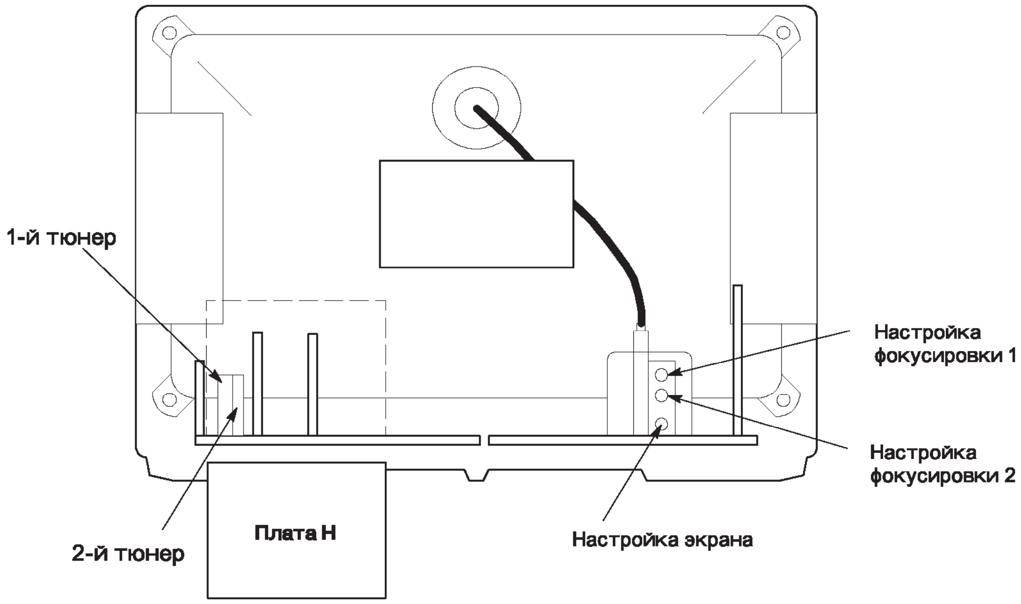
1. Установите яркость на минимум.
2. Измерьте высокое напряжение. Вольтметр должен показывать **31,5(+1,5, -1,5) кВ**. Если показания не укладываются в эти допуски, то необходимо немедленно провести обслуживание и коррекцию, чтобы предотвратить возможный преждевременный выход компонентов из строя.
3. Чтобы исключить любую вероятность появления рентгеновского излучения, пользуйтесь специальными типами кинескопов.

ДЛЯ ЗАМЕТОК

Расположение органов настройки и печатных плат

Расположение органов настройки

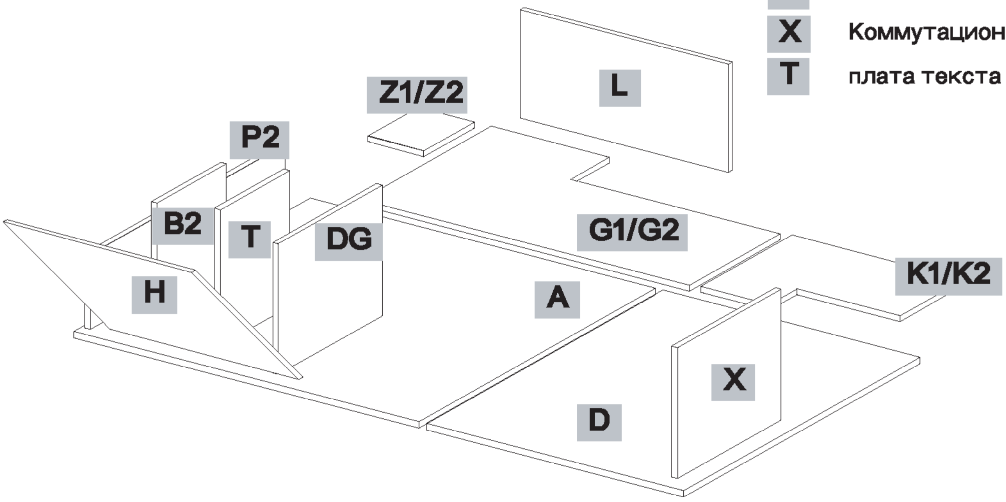
< Вид сзади >


1-й тюнер
Настройка фокусировки 1
Настройка фокусировки 2
Плата H
2-й тюнер
Настройка экрана

Расположение и наименование плат по их назначению

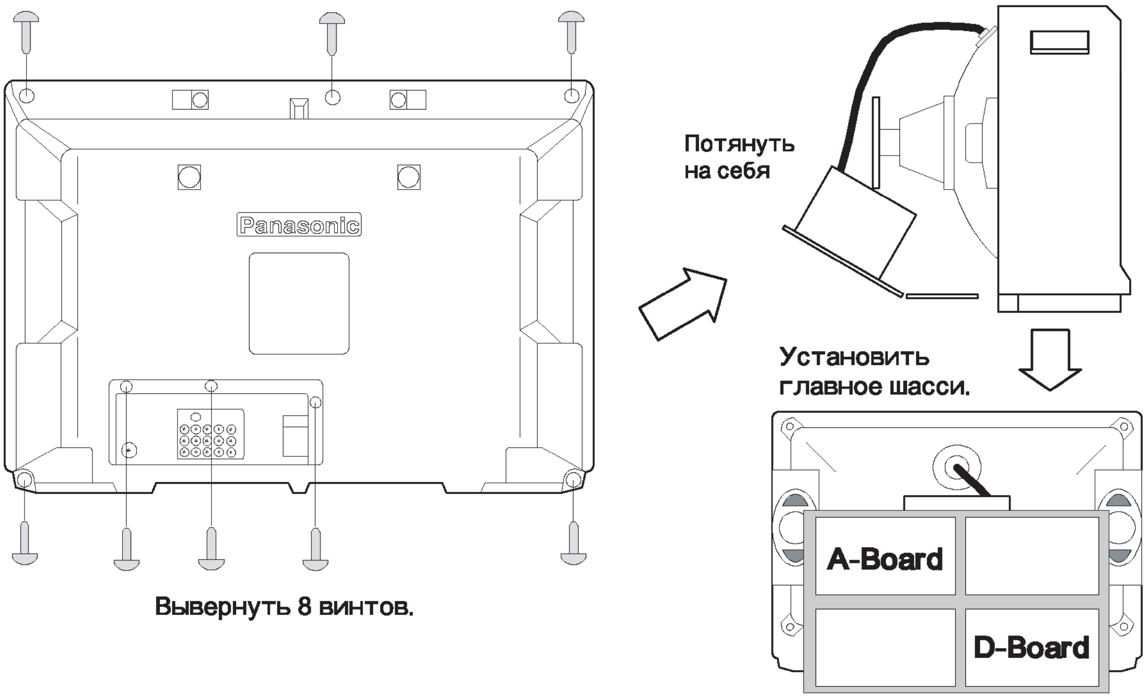
DG	Цифровой сердечник
G1/G2	Передний разъем AV
K1/K2	плата органов управления на лицевой панели
Z1/Z2	Разъем RGB

A	Тюнер, Звукоусилитель
D	плата питания и отклонения луча
P2	Подпитание
B2	Стерео VIF/SIF, NICAM
H	Переключатель AV, Задний разъем AV
L	плата генератора RGB
X	Коммутационмая подушка
T	плата текста


Z1/Z2
L
P2
B2
T
DG
G1/G2
K1/K2
H
A
X
D

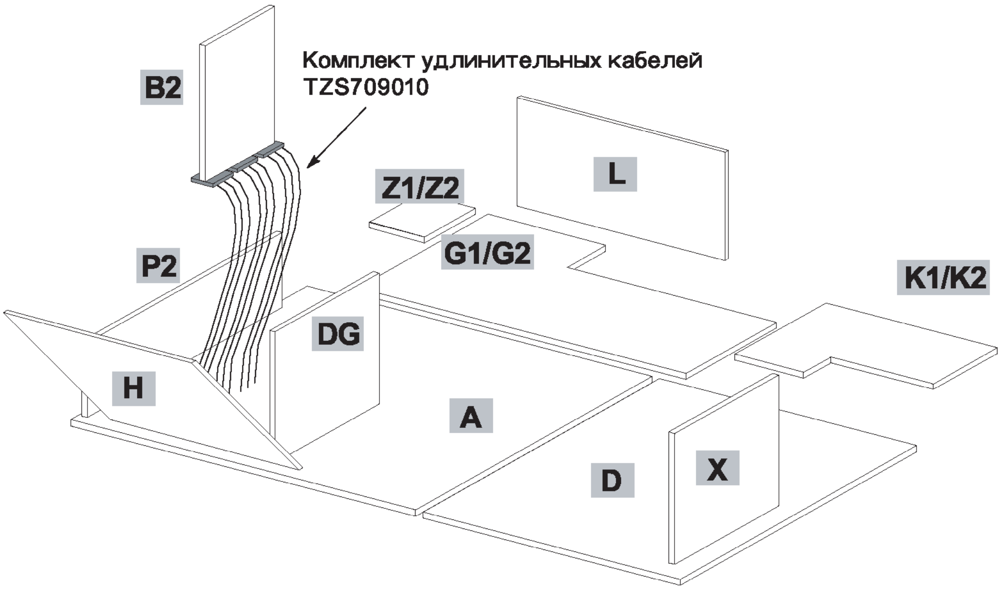
Советы по обслуживанию

Как перевести шасси в положение для обслуживания


Panasonic
Потянуть на себя
Установить главное шасси.
A-Board
D-Board
Вывернуть 8 винтов.

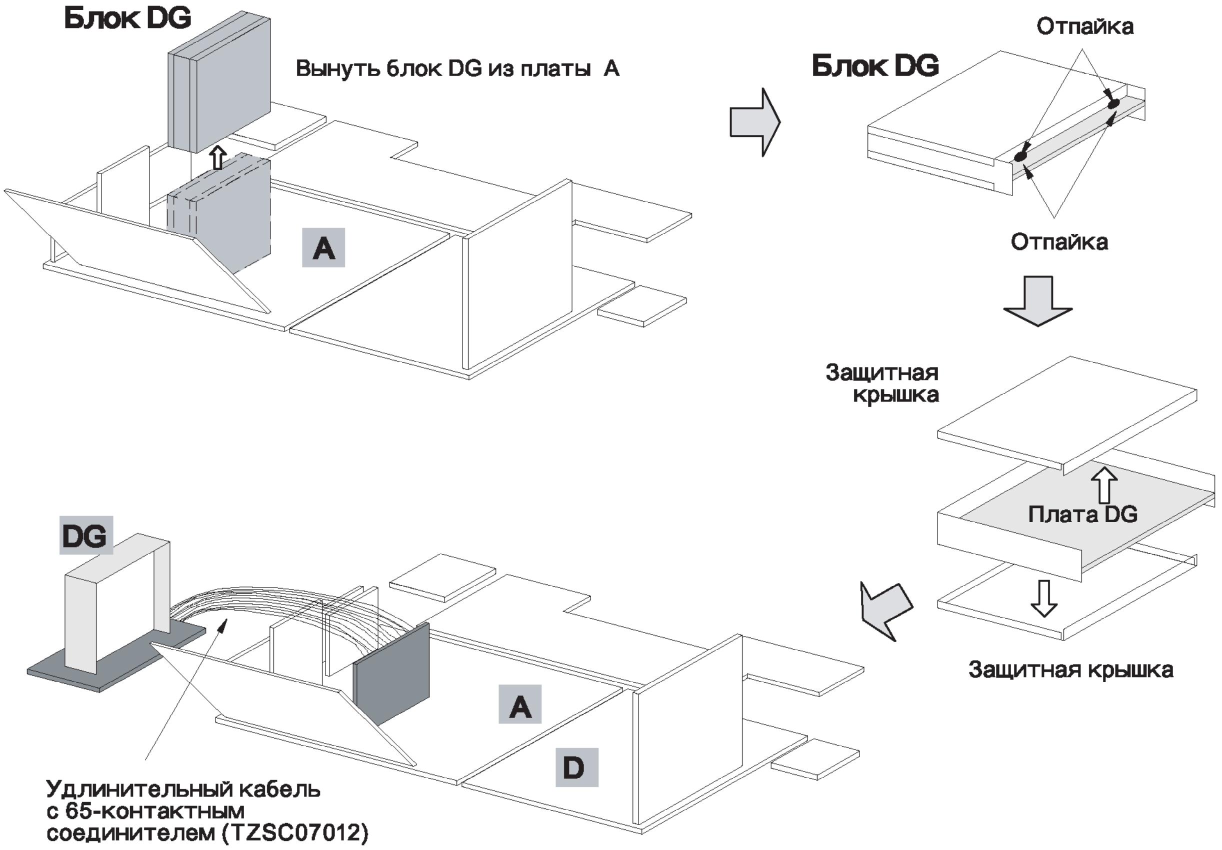
Сервисное положение для плат B2 и X.

Замечание: Комплект удлинительных кабелей (из 4 кабелей с 8-контактными разъемами) в качестве приспособлений и инструмента для обслуживания (деталь TZS709010).


Комплект удлинительных кабелей TZS709010
B2
Z1/Z2
L
G1/G2
P2
K1/K2
DG
H
A
D
X

Сервисное положение для платы DG.

Примечание: Комплект удлинительных кабелей для платы DG поставляется в качестве приспособлений и инструмента для обслуживания. (Деталь № TZSC07012)


Блок DG
Вынуть блок DG из платы A
A
Блок DG
Отпайка
Отпайка
Защитная крышка
Плата DG
Защитная крышка
DG
A
D
Удлинительный кабель с 65-контактным соединителем (TZSC07012)

Гостиничный режим

Цель

1. Данный режим используется в гостиницах, чтобы пользователи не изменяли предустановленные данные ТВ, например, предустановленные каналы.
   Примечание: Данный режим полезен для гостиниц, и при обычном использовании не следует входить в режим “Hotel Mode”.

Операция

1. Чтобы войти в режим “Hotel Mode”, нажмите кнопку “Off-Timer [⏻]” на пульте ДУ и клавишу Канал вверх “[^]” на ТВ одновременно.
2. В этом режиме, функция Канал вверх и вниз используется как в нормальном режиме, и максимальный уровень звука для данного режима устанавливается на текущем уровне звука, что означает установку уровня звука до входа в режим. Однако, остальными функциями пользоваться нельзя.
3. **Чтобы выйти из данного режима,** нажмите на пульте ДУ кнопку “Off-Timer [⏻] ” и клавишу “Volume Down [-]” одновременно.
   *Данная информация дается только в Сервисной Инструкции.

Порядок проведения специального обслуживания

Функция самопроверки (Self Check)

Самопроверка используется для автоматической проверки линий шины и шестнадцатеричного кода телевизора.

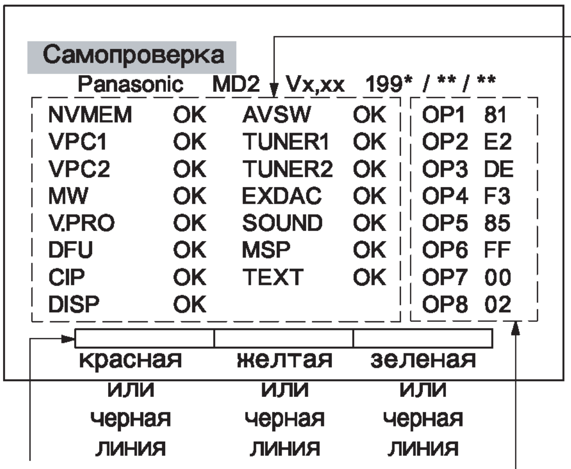
Объем самопроверки:

1. Уточнение результатов проверки работоспособности интегральных схем.
2. Информация о защите

Порядок проведения самопроверки

1. Одновременно нажмите кнопку "OFF TIMER" (ТАЙМЕР ОТКЛЮЧЕНИЯ) [⏲] на пульте дистанционного управления и кнопку снижения уровня громкости "VOLUME DOWN" (СНИЖЕНИЕ ГРОМКОСТИ) "-" на панели управления телевизора.
2. Телевизор должен перейти в режим самопроверки с выводом ее результатов на экран.
3. Нажмите кнопку питания на передней панели или на пульте ДУ, чтобы отменить режим самопроверки и вернуться в нормальное состояние.

Вид экрана в режиме самопроверки



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Самопроверка
  Panasonic   MD2   Vx,xx   199* / ** / **
 NVMEM   OK   AVSW     OK    OP1  81
 VPC1    OK   TUNER1   OK    OP2  E2
 VPC2    OK   TUNER2   OK    OP3  DE
 MW      OK   EXDAC    OK    OP4  F3
 V.PRO   OK   SOUND    OK    OP5  85
 DFU     OK   MSP      OK    OP6  FF
 CIP     OK   TEXT     OK    OP7  00
 DISP    OK                  OP8  02
```

Проверка работоспособности интегральных схем:

"OK" → норма

"NG" → неисправность (необходимо проверить саму интеграл схему или соседние компоненты)

NVMEM	: IC1102	(плата A)
VPC1	: IC1301	(плата DG)
VPC2	: IC1302	(плата DG)
MW	: IC1304	(плата DG)
V.PRO	: IC1307	(плата DG)
DFU	: IC1308	(плата DG)
CIP	: IC1306	(плата DG)
DISP	: IC1309	(плата DG)
AVSW	: IC3001	(плата DG)
TUNER1	: тюнер 1(TNR1)	(плата A)
TUNER2	: тюнер 2(TNR2)	(плата A)
EXDAC	: IC1001	(плата A)
SOUND	: IC2401	(плата A)
MSP	: IC2001	(плата B2)
TEXT	: IC3504	(плата T)

Информация о защите
Черная : Норма
Красная : Неправильное напряжение
Желтая : Короткое замыкание
Зеленая : Удерживание

Функциональная проверка вариантной установки кода
Номера выводятся в шестнадцатеричном коде

Примечание: Вариантный код на экране зафиксирован и зависит от каждой модели.

Замена интегральных схем памяти

1. Большой объем информации, управляющей работой телевизора, хранится в интегральной схеме памяти .
2. При замене IC памяти, надо вновь ввести в память вариантный код (стр. 9) и данные памяти (стр. 10) и вновь правильно отрегулировать отклонение и баланс белого.

Номер образца	Номер детали
IC1102	TVRJ214

Функция предпродажной проверки

Общие сведения: В шасси MD2 коммутацией каждой из интегральных схем по шине IIC управляет микропроцессор. Всю остальную установку и настройку можно проводить в режиме предпродажной проверки (market mode) с пульта дистанционного управления.

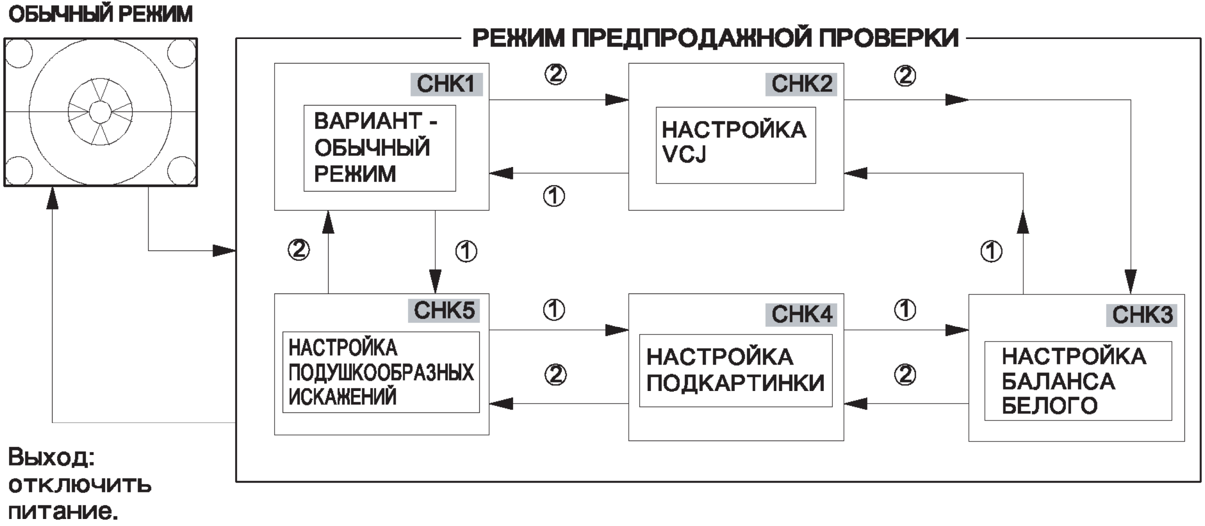
1. Выбор режима предпродажной проверки

Установите потенциометр "VOLUME (громкость)" на нуль и нажмите кнопку "OFF TIMER (таймер отключения)" [⏲], то есть включите таймер отключения

Затем одновременно нажмите кнопку "RECALL (восстановление)" [⊞] на пульте дистанционного управления и кнопку "VOLUME DOWN (снижение громкости)" [-] на телевизоре.

2. Выбор режима проверки

Курсор переходит на следующий режим проверки при нажатии клавиш ① или ② на 10-клавишном поле пульта дистанционного управления.

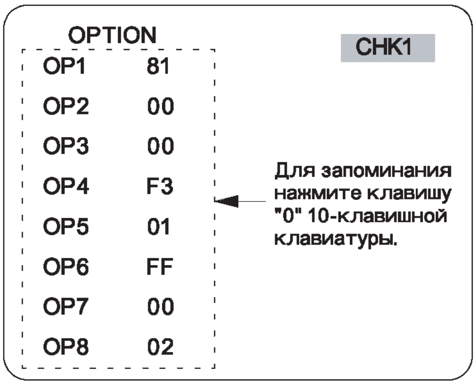

ОБЫЧНЫЙ РЕЖИМ
РЕЖИМ ПРЕДПРОДАЖНОЙ ПРОВЕРКИ
CHK1
ВАРИАНТ - ОБЫЧНЫЙ РЕЖИМ
CHK2
НАСТРОЙКА VCJ
CHK3
НАСТРОЙКА БАЛАНСА БЕЛОГО
CHK4
НАСТРОЙКА ПОДКАРТИНКИ
CHK5
НАСТРОЙКА ПОДУШКООБРАЗНЫХ ИСКАЖЕНИЙ
①
②
Выход: отключить питание.

1. Режим установки вариантного кода (CHK1)

В случае замены интегральной схемы памяти (IC1102) вариантный код должн быть снова введен в память. Вариантный код можно изменить с помощью кнопок "Volume" "+" и "-".
Для запоминания нажмите клавишу "0" 10-клавишной клавиатуры.

CHK 1

ВЫБОР ВАРИАНТА



OPTION	
OP1	81
OP2	00
OP3	00
OP4	F3
OP5	01
OP6	FF
OP7	00
OP8	02

Для запоминания нажмите клавишу "0" 10-клавишной клавиатуры.

	Для TX-29P100T	**Для TX-33P100T**
OPTION		
OP1	41	41
OP2	00	00
OP3	00	00
OP4	F3	F3
OP5	85	9D
OP6	FF	FF
OP7	73	73
OP8	02	02

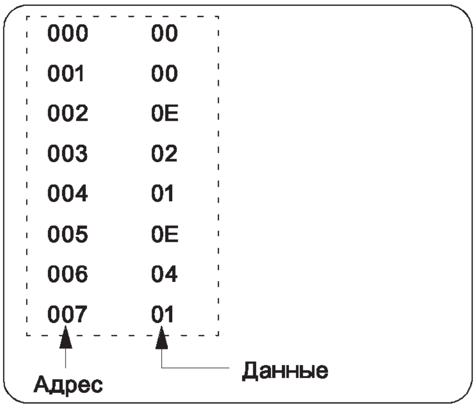
Функция режима редактирования памяти

1 Режим редактирования памяти можно ввести через режим предпродажной проверки CHK1.
2. Одновременно нажмите кнопку "MUTE"(приглушение)[🔇] на пульте ДУ и кнопку кнопку "VOLUME DOWN"(снижение громкости) [-] на телевизоре.
3. Выберите адрес нажимая кнопку "CURSOR UP"(курсор вверх)[▲] /"DOWN"(вниз) [▼] для каждого из восьми адресов или нажимая кнопку "CURSOR LEFT"(курсор влево)[◀] "RIGHT"(вправо) [▶] для каждого адреса.
4. Отрегулируйте данные нажимая на кнопку "VOLUME"(громкость) "+"/"-".
5. Для запоминания данных, нажмите "0" 10- клавишной клавиатуры.
6. Повторите пункты с 3 по 5 для каждого адреса, подлежащего запоминанию.
7. Вернитесь к режиму CHK1, нажав "1" или "2" 10- клавишной клавиатуры пульта ДУ.

Примечание: Запасная часть IC1002 (TVRJ214) уже содержит все данные для TC-29P100R .
При использовании других моделей надо вновь установить в память следующие адресные данные.

Повторное запоминание адреса и данных

Адрес	TX-33P100T	TX-29P100T
2A2	01	01
301	4B	4B
449	02	НЕТ ИЗМЕНЕНИЙ
462	12	
463	12	
464	12	
465	12	
469	17	
62F	87	
637	47	
642	A3	
65F	50	50
664	AC	НЕТ ИЗМЕНЕНИЙ
677	08	НЕТ ИЗМЕНЕНИЙ
679	04	04
67B	03	03
686	C3	D2
688	E2	E2
68E	F1	НЕТ ИЗМЕНЕНИЙ
692	E3	НЕТ ИЗМЕНЕНИЙ
6B2	01	01
6B3	3C	3C
6B5	3C	3C
6B6	64	НЕТ ИЗМЕНЕНИЙ
6B8	64	НЕТ ИЗМЕНЕНИЙ
6BB	3C	3C
6BC	28	28
6C7	00	НЕТ ИЗМЕНЕНИЙ
6EB	02	02
6ED	04	04
6F8	02	02
713	18	18
782	39	НЕТ ИЗМЕНЕНИЙ
790	D8	НЕТ ИЗМЕНЕНИЙ
792	58	НЕТ ИЗМЕНЕНИЙ
713	18	18



РЕЖИМ РЕДАКТИРОВАНИЯ ПАМЯТИ

2. Режим настройки VCJ (CHK2)

Для смены экрана (позиции) в режиме проверки нажмите клавишу "3" или "4" 10-клавишной клавиатуры. После этого с помощью кнопок "+" или "-" введите изменения значения данных и уровня.

№	Надпись на экране	Диапазон настройки	Среднее значение	Позиции
			CHK 2	
1	RF AGC	0~127	81	РЧ АРУ
2	CONTRAST	0~63	63	Контрастность (то же самое, что и пользовательская настройка)
3	SUB CONTRAST	0~63	17	Поддиапазон контрастности
4	COLOUR	0~63	32	Цветность (то же самое, что и пользовательская настройка)
5	SUB COLOUR	0~63	28	Поддиапазон цветности (для 3,58 МГц)
6	NTSC-TINT	0~63	32	Цветовой оттенок NTSC (то же самое, что и пользовательская настройка)
7	SUB NTSC-TINT	-128~127	1	Поддиапазон цветового оттенка NTSC
8	VIDE4O GAIN	0~255	162	Видеоусиление
9	OSD POSITION	0~20	4	Положение изображение на экране
10	TEXT POSITION	0~127	125	Положение ТЕЛЕТЕКСТ
11	DVCO ADJ	-1~1	0	Настройка DVCO
12	RGB SUB CONT	0~63	63	Поддиапазон контрастности RGB

3. Режим настройки баланса белого (CHK3)

Для смены экрана (позиции) в режиме проверки нажмите клавишу "3" или "4" 10-клавишной клавиатуры. После этого с помощью кнопок "+" или "-" введите изменения значения данных и уровня..

№	Надпись на экране	Диапазон настройки	Среднее значение	Позиции
			CHK 3	
1	BRIGHT	0~63	32	Яркость (то же самое, что и пользовательская настройка)
2	SUB BRIGHT	0~63	47	Поддиапазон настройки яркости
3	R-DRIVE	0~63	32	Возбуждение красного
4	G-DRIVE	0~63	26	Возбуждение зеленого
5	B-DRIVE	0~63	34	Возбуждение синего
6	CUT OFF	-1~0	-1	Отсечка

4.Режим настройка подкартинки (CHK4)

Для смены экрана (позиции) в режиме проверки нажмите клавишу "3" или "4" 10-клавишной клавиатуры. После этого с помощью кнопок "+" или "-" введите изменения значения данных и уровня.

№	Надпись на экране	Диапазон настройки	Среднее значение	Позиции
			CHK 4	
1	RF AGC 2	0~127	54	РЧ АРУ 2
2	SUB CONTRAST 2	0~255	217	Поддиапазон контрастности 2
3	SUB NTSC-TINT 2	-128~127	0	Поддиапазон цветового оттенка NTSC 2
4	100 Hz V-S-CORRE	0~63	26	Коррекция S-искривления по вертикали (50 Гц): для подкартинки
	120 Hz V-S-CORRE	0~63	7	Коррекция S-искривления по вертикали (60 Гц): для подкартинки
5	100 Hz V-CENTER	0~63	63	Центр по вертикали (50Гц): для подкартинки
	120 Hz V-CENTER	0~63	63	Центр по вертикали (60Гц): для подкартинки
6	DVCO ADJ 2	-1~1	0	Настройка DVCO 2

5. Режим настройки подушкообразных искажений (CHK5)

Для смены экрана (позиции) в режиме проверки нажмите клавишу "3" или "4" 10-клавишной клавиатуры. После этого с помощью кнопок "+" или "-" введите изменения значения данных и уровня.

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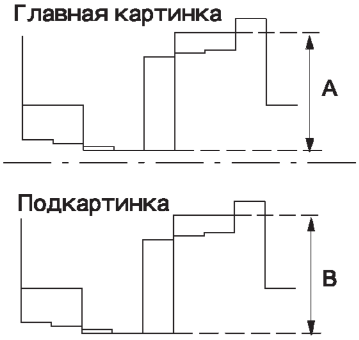
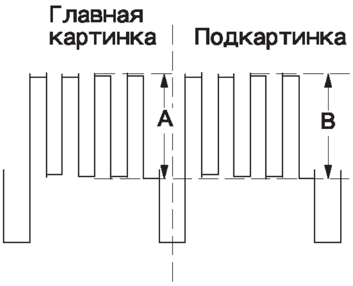
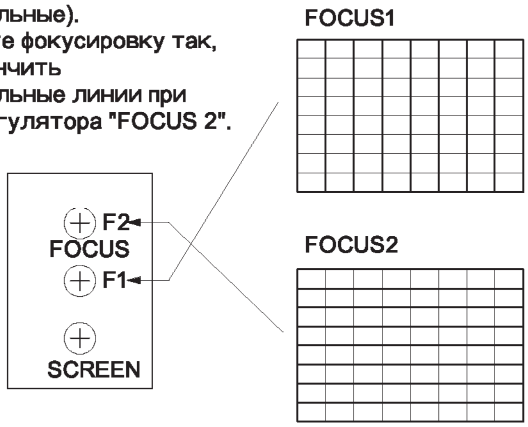
№	Надпись на экране	Диапазон настройки	Среднее значение	Позиции
			CHK 5	
1	100 Hz H-WIDTH	0~63	32	Ширина по горизонтали(50Hz)
	120 Hz H-WIDTH	0~63	23	Ширина по горизонтали(60Hz)
2	100 Hz EW-PARABOLA	0~63	43	EW-парабола(50Hz)
	120 Hz EW-PARABOLA	0~63	39	EW-парабола(50Hz)
3	100 Hz EW-CENTER	0~63	0	EW-угол (50 Hz)
	120 Hz EW-CENTER	0~63	0	EW-угол (60 Hz)
4	100 Hz V-HEIGHT	0~63	39	Высота по вертикали (50 Гц)
	120 Hz V-HEIGHT	0~63	54	Высота по вертикали (60 Гц)
5	100 Hz V-S-CORRE	0~63	5	Коррекция S-искривления по вертикали (50 Гц)
	120 Hz V-S-CORRE	0~63	15	Коррекция S-искривления по вертикали (60 Гц)
6	100 Hz H-CENTER	0~63	34	Коррекция по горизонтали (50 Гц)
	120 Hz H-CENTER	0~63	40	Коррекция по горизонтали (60 Гц)
7	100 Hz V-CENTER	0~63	14	Центр по вертикали (50Hz)
	120 Hz V-CENTER	0~63	9	Центр по вертикали (60Hz)
8	100 Hz TRAPEZOID	0~63	36	Коррекция трапецеидальных искажений (50 Hz)
	120 Hz TRAPEZOID	0~63	42	Коррекция трапецеидальных искажений (60 Hz)
9	100 Hz H-PARALLEL	0~63	19	Параллель по горизонтали (50Гц)
	120 Hz H-PARALLEL	0~63	6	Параллель по горизонтали (60 Гц)
10	GEOMAGNETIC	-9~9	0 (AUTO)	Геомагнетическая NS (то же самое, что и пользовательская настройка) (только для TX-33P100T)
11	SUB GEOMAGNETIC	0~127	-	Геомагнетическая EW (только для TX-33P100T)

Настройки

Позиция / подготовка	Порядок настройки
Напряжение В 1. Включите телевизор 2. Установите уровень луча на 0 . Установите громкость на минимум.	1. Убедитесь в том, что напряжения в указанных контрольных точках равны: **TPD10 : 40.0 ± 10.0 V,** **TPD15 : 15.0 ± 1.0 V,** **TPD17 : 6.5 ± 0.5 V,** **D836-C: 23.0 ± 1.5 V,** **TPA23 : 8.0 ± 0.5 V,** **TPA25 : 9.0 ± 0.5 V,** **TPA28 : 12.0 ± 0.5 V,** **TPA52 : 8.0 ± 0.5 V,** **TPA7 : 5.2 ± 0.5 V,** **TPA47 : 9.0 ± 0.5 V,** **TPD12 : 14.0 ± 1.0 V,** **TPD16 : 140.0 ± 2.0 V,** **TPD19 : 225.0 ± 10.0 V,** **TPA21 : 3.4 ± 0.5 V,** **TPA24 : 5.2 ± 0.5 V,** **TPA27 : 5.2 ± 0.5 V,** **TPA39 : 5.0 ± 0.5 V,**
Высокое напряжение 1. Включите телевизор 2. Установите уровень луча на 0. Установите в положение; УРОВЕНЬ НАПРЯЖЕНИЯ ЭКРАНА .... на минимум КОНТРАСТНОСТЬ .... на минимум	1. Подключите вольтметр постоянного тока к контрольной точке **TPD16** и убедитесь, что напряжение равно **140,0 ± 2,0 В.** 2. Подключите вольтметр высокого напряжения (электростатического типа) к аноду кинескопа. 3. Убедитесь в том, что напряжение не выходит за следующие пределы: **31,5 ± 1,5 кВ.**
РЧ АРУ(Главная картинка) 1. Получите таблицу цветных полос. 2. Установите уровень входа на 62 дБ (+1/-2 дБ) (на открытом входе 75 Ом) 3. Подсоедините осциллограф к контрольной точке **TPA1** в режиме постоянного тока.	1. Установите телевизор в режим предпродажной проверки [режим CHK2] 2. Отрегулируйте регулятором "RF AGC" так, чтобы напряжение на TPA1 было **6,2В ± 0,5В.** 3. Увеличьте уровень входа на 2 дБ и убедитесь в том, что напряжение изменилось.
РЧ АРУ 2 (Подкартинка) 1. Получите таблицу цветных полос. 2. Установите уровень входа на 70 дБ (+1/-2 дБ)(на открытом входе 75 Ом) 3. Подсоедините осциллограф к **TPA8** в режиме постоянного тока.	1. Установите телевизор в режим предпродажной проверки [режим CHK4] 2. Отрегулируйте регулятором RF AGC 2 так, чтобы напряжение на TPA8 было **6,2В ± 0,5В.** 3. Увеличьте уровень входа на 2 дБ и убедитесь в том, что напряжение изменилось.
Поддиапазон контрастности 1. Получите таблицу цветных полос. 2. Подключите осциллограф к контрольной точке **TPA7 (плата L).** 3. Выберите режим " PICTURE ACTION" используя кнопку "Custom Menu" и проведите нормализацию используя кнопку "N",: МЕНЮ .... СТАНДАРТНОЕ ПОЛОЖЕНИЕ A.I .... ВЫКЛ.	1. Установите телевизор в режим предпродажной проверки [режим CHK2] Установите регулятор поддиапазона контрастности в положение: **A =85,0 ± 2,0 Vp-p** 2. Установите телевизор в режим предпродажной проверки [режим CHK4] Установите регулятор поддиапазона контрастности в положение: **B=85,0 ± 2,0 Vp-p** 

Позиция / подготовка	Порядок настройки
Настройка цветности в системе ПАЛ 1. Получите таблицу цветных полос. 2. Подключите осциллограф контрольной точке **ТРА7 (плата L).** 3. Выберите режим " PICTURE ACTION" используя кнопку "Custom Menu" и проведите нормализацию используя кнопку "N",: МЕНЮ ....СТАНДАРТНОЕ ПОЛОЖЕНИЕ A.I .... ВЫКЛ. 4. Убедитесь, что уровни опорного импульса главного и дополнительного колебательных сигналов одинаковые.	 1. Убедитесь, что уровни опорного импульса главного и дополнительного колебательных сигналов одинаковые. 2. Установите телевизор в режим предпродажной проверки [режимVCJ (ИЗОБРАЖЕНИЕ)]. Установите регулятор поддиапазона цветности в положение: **A= 86,0 ± 2,0 Vp-p** 3. Убедитесь, что уровни колебательных сигналов А и В одинаковые. 4. Убедитесь, что уровни опорного импульса главного и дополнительного колебательных сигналов одинаковые .
Фокусировка 1. Получите сигнал " сетка".	1. Установите фокусировку так, чтобы утончить все линии при помощи регулятора "FOCUS 1" (Лучше утончать вертикальные линии, чем горизонтальные). 2 Установите фокусировку так, чтобы утончить горизонтальные линии при помощи регулятора "FOCUS 2". 
Геомагнетическое поле **(только для 33-дюймовой модели)** 1. При помощи устройства для размагничивания размагнитьте пространстко вокруг платы GM. 2. Установить в положение; ГЕОМАГНЕТИЧЕСКИЙ ДАТЧИК............ВКЛ.	1. Подключите вольтметр постоянного тока к TPGM 1-2-й контакт (плата GM) 2. Отрегулируйте R4863 (плата GM) так, чтобы напряжение на Vx выходе на TPGM1-2-й контакт стало **4,3± 0,05 В.** 3. Подключите вольметр постоянного тока к TPGM1-1-й контакт (плата GM). 4. Отрегулируйте R4861 (плата GM) так, чтобы напряжение на Vy выходе на TPGM1-1-й контакт стало **4,3 ±0,05В.**

Настройка VRS

НастройкаVRS

1. Получите таблицу цветных полос и прогрейте телевизор более 15 минут.
2. Установите 2-полюсные (магниты цветовой чистоты) , VRS-магниты, 4-полюсные и 6-полюсные магниты (магниты статического сведения) так, чтобы они были некомпенсированы.
3. Толкните отклоняющую систему вперед и временно установите так, чтобы не было уклона в горизонтальном направлении.
4. Отрегулируйте, открывая VRS-магниты равномерно вверху и внизу так, чтобы точки A, B и C горизонтальных линий были параллельны центральной линии образца.
5. После окончания настройки VRS, проведите настройку цветовой чистоты и сведения.

Упрощенный метод настройки VRS

1. Проведите настройку так же, как указано в пунктах 1. и 2. выше.
   Затем, регулируйте открывая VRS-магниты равномерно вверху и внизу так, чтобы горизонтальные линии были скорректированны с вертикальными центральными отметками установленными горизонтально слева и справа.

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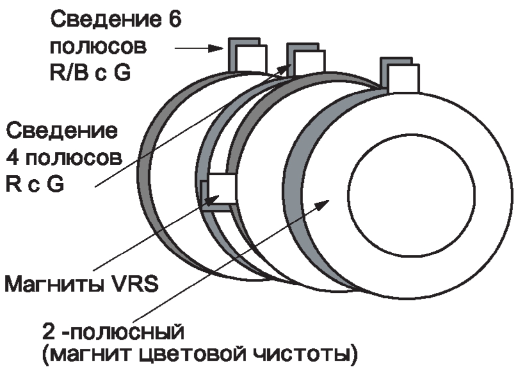
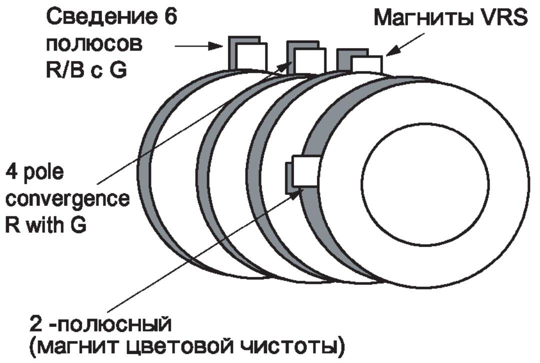
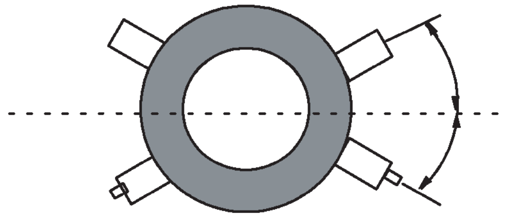

Сведение 6
полюсов
R/B с G
Сведение
4 полюсов
R с G
Магниты VRS
2 -полюсный
(магнит цветовой чистоты)

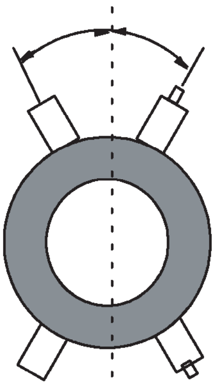
Установка магнитов CY (33-дюймовые модели)


Сведение 6
полюсов
R/B с G
Магниты VRS
4 pole
convergence
R with G
2 -полюсный
(магнит цветовой чистоты)

Установка магнитов CY (29-дюймовые модели)

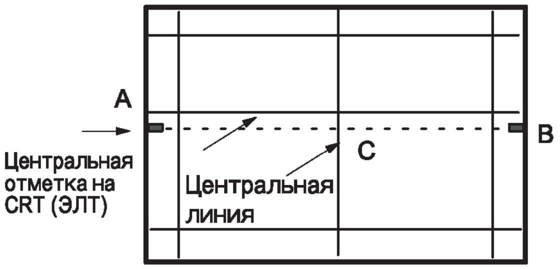


33-дюймовая модель

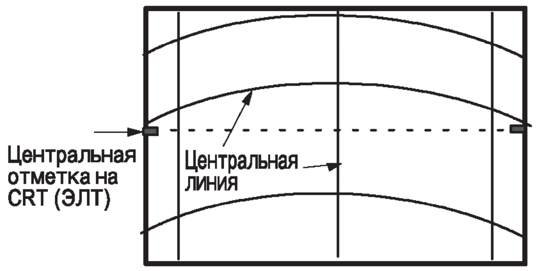


29-дюймовая модель

Открытие магнитов VRS


A
B
C
Центральная
отметка на
CRT (ЭЛТ)
Центральная
линия

Хорошая настройка

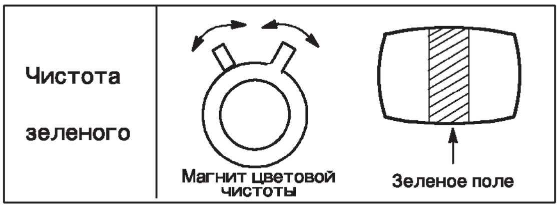

Центральная
отметка на
CRT (ЭЛТ)
Центральная
линия

Плохая настройка

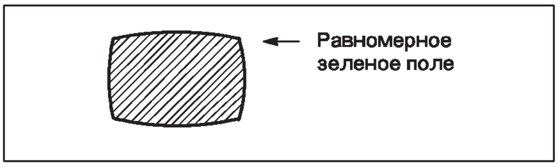
До проведения настройки цветовой чистоты, сведения и баланса белого необходимо завершить регулировку центра по вертикали, высоты по вертикали, ширины по горизонтали, центра по горизонтали и фокусировки.

Цветовая чистота

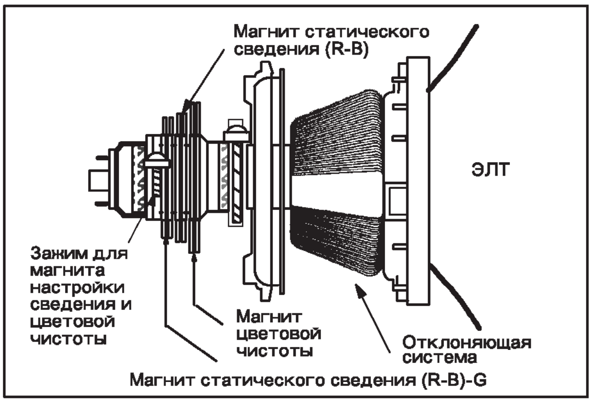
1. Установите регуляторы настройки яркости и контрастности на максимум.
2. Дайте телевизору прогреться в течение 15 минут.
3. С помощью внешней размагничивающей катушки проведите полное размагничивание кинескопа.
4. Подайте сигнал таблицы-сетки и установите магниты сведения лучей в приблизительно правильное положение.
5. Подайте сигнал зеленого поля.
6. Ослабьте зажимной винт отклоняющей системы и переместите ее как можно ближе к магниту настройки цветовой чистоты.
7. Отрегулируйте положение магнита цветовой чистоты так, чтобы в центре экрана получилось вертикальное зеленое поле.


Чистота
зеленого
Магнит цветовой чистоты
Зеленое поле

8. Медленно надавливая на отклоняющую систему, установите ее в положение, обеспечивающее равномерное зеленое поле.

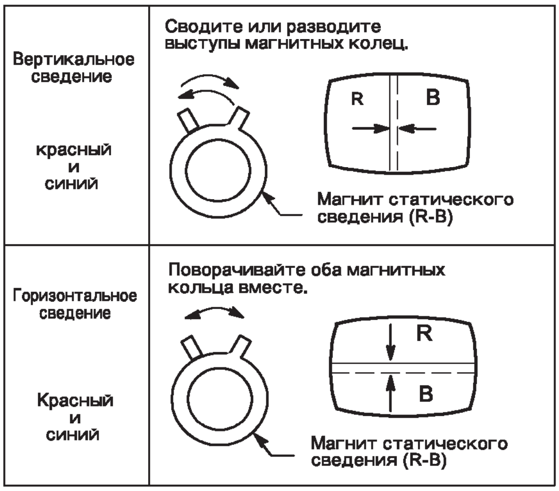

Равномерное зеленое поле

9. Проведите грубую настройку регуляторов режима слабой освещенности и убедитесь в получении равномерного белого поля.
10. Затяните зажимной винт А. .

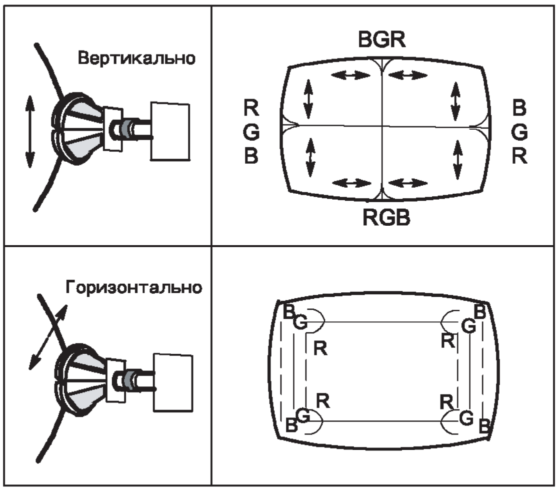

Магнит статического сведения (R-B)
ЭЛТ
Зажим для магнита настройки сведения и цветовой чистоты
Магнит цветовой чистоты
Отклоняющая система
Магнит статического сведения (R-B)-G

Сведение

1. Подайте сигнал испытательной таблицы в виде сетчатого поля и установите регулятор настройки контрастности на максимум.
2. Настройте регулятор яркости до получения чистой испытательной таблицы.
3. Вращая магнитные кольца статического R-B-сведения, выставьте красную и синюю линии в центр экрана. .

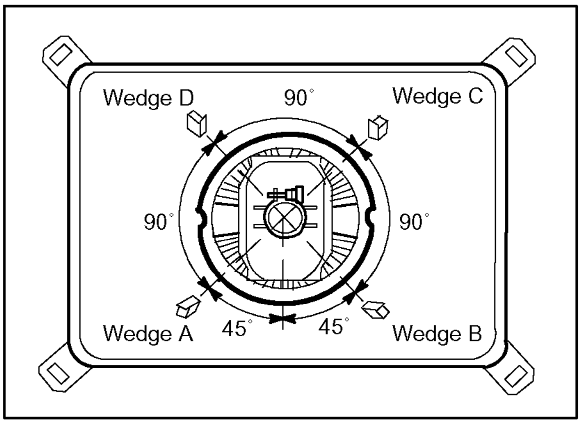

Вертикальное сведение
красный и синий
Сводите или разводите выступы магнитных колец.
R
B
Магнит статического сведения (R-B)
Горизонтальное сведение
Красный и синий
Поворачивайте оба магнитных кольца вместе.
R
B
Магнит статического сведения (R-B)

4. Поворачивая магнит статического сведения (RB)-G, отрегулируйте положение красного и синего цвета относительно зеленой линии в центре экрана.
5. Закрепите магниты сведения силиконовой прокладкой.
6. Удалите клинья отклоняющей системы и слегка наклоните ее вертикально и горизонтально так, чтобы получить хорошее общее сведение. .


Вертикально
BGR
R G B
B G R
RGB
Горизонтально
B G R
R G B
R G B
R G B

7. Зафиксируйте отклоняющую систему, вставив на место клинья.
8. В случае получения недостаточной цветовой чистоты, повторите настройку.

Фиксирование DY (отклоняющей системы)



1. Клин A, изображенный на, должен быть закреплен в пределах 45° влево от вертикальной линии, как показано.
2. После установки клина A, установите клинья B, C и D. Они должны находиться под углом 90° друг к другу.
3. Убедитесь в том, что все четыре клина надежно зафиксированы, а отклоняющая система надежно зафиксирована на своем месте, в противном случае она может сместиться и вызвать ухудшение сведения и цветовой чистоты.

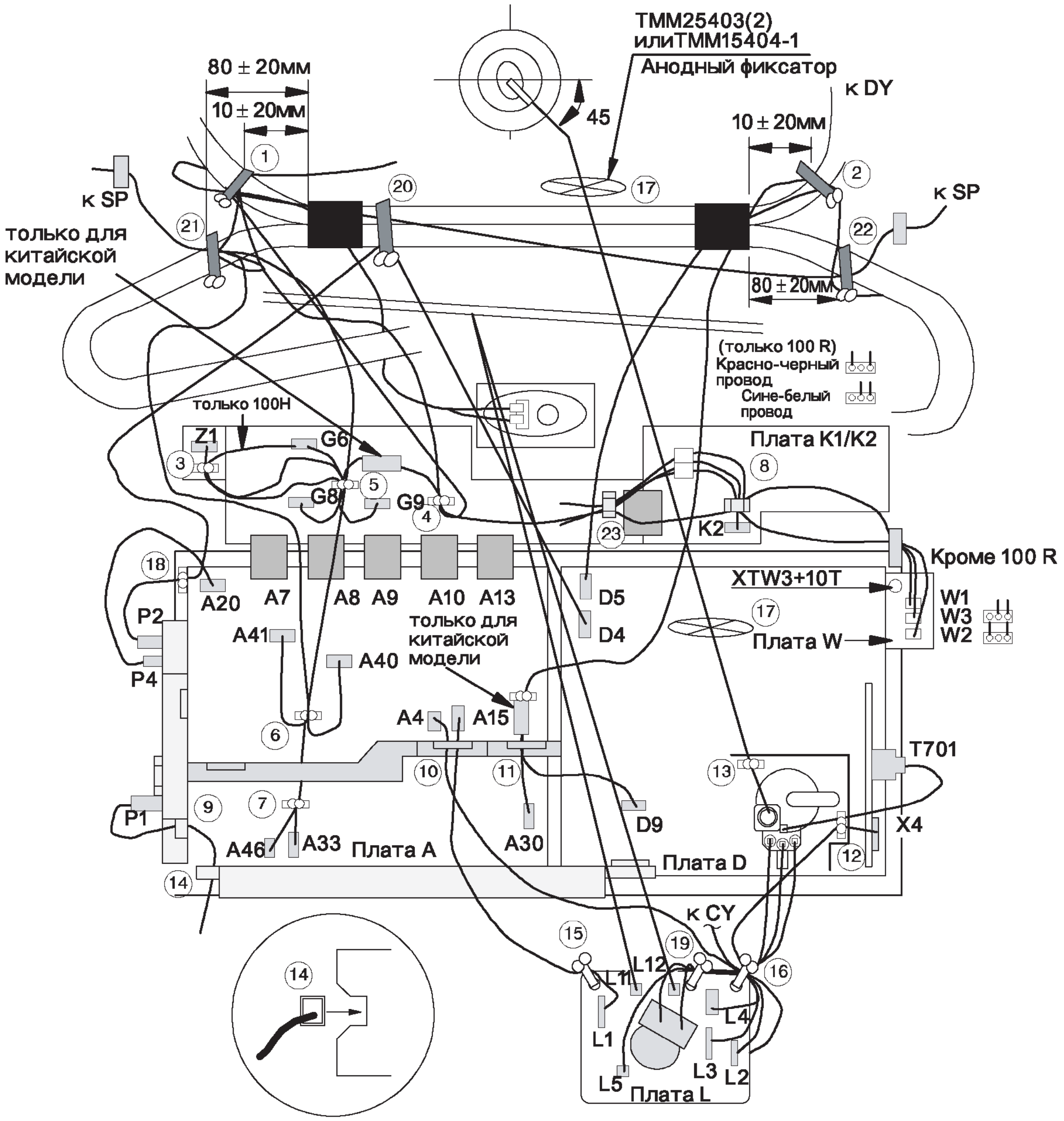
Порядок настройки баланса белого

Автоматическая система баланса белого встроена в шасси MD2. Эта система автоматически настраивается в соответствии с разными сценами после настройки стандартного баланса белого.

1. Получите полностью черный сигнал с генератора сигналов и прогрейте телевизор более 30 минут.
2. Установите телевизор в режим предпродажной проверки CHK3 (режим баланс белого) и выберите установку отсечки “CUT OFF”.
3. Установите регулятор на строчном трансформаторе так, чтобы уровень индикации “CUT OFF” показывал 0 (нуль).

Примечание: Не надо делать настройку R, G и B-DRIVE, так как эти данные уже зафиксированы на фабрике.

Схема соединений


TMM25403(2)
илиTMM15404-1
Анодный фиксатор
80 ± 20мм
10 ± 20мм
45
к DY
10 ± 20мм
①
②
⑳
⑰
к SP
к SP
только для
китайской
модели
㉑
㉒
80 ± 20мм
(только 100 R)
Красно-черный
провод
Сине-белый
провод
только 100H
Z1
G6
③
⑤
G8
G9
④
Плата K1/K2
⑧
㉓
K2
Кроме 100 R
⑱
A20
A7
A8
A9
A10
A13
D5
XTW3+10T
W1
W3
W2
P2
A41
A40
только для
китайской
модели
D4
⑰
Плата W
P4
⑥
A4
A15
T701
⑩
⑪
⑬
P1
⑨
⑦
A46
A33
Плата A
A30
D9
X4
⑫
⑭
Плата D
к CY
⑮
⑲
⑯
⑭
L11
L12
L4
L1
L3
L2
L5
Плата L

Крючки (ловушки) Проволочный вывод	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭	⑮	⑯	⑰	⑱	⑲	⑳	㉑	㉒	㉓
P4-A20																							
P2-D4	●																	●		●	●		
G6-A46					●	●	●																
Z1-A33			●		●	●	●																
Anode													●				●						
W2	●			●				●															●
P1- (AC code)									●					●									
X4-L3												●				●							
T701												●											
L4-A4										●						●							
L1-A15										●					●								
DY(D9)		●									●												
DY(A30)		●									●												
CRT LEAD(RED)																●			●				
CRT LEAD(WHITE)																●			●				
G8-SP(RIGHT)	●			●	●																		
G8-SP(CENTER)	◎			●	●																		
G9-SP(LEFT)	●			●	●																	●	
W3-DEG	◎			●	●																		●
D5-DEG		●																				●	
CY-L2																●							
A40						●															●		
A41	●					●															◎		
L5(SCREEN)																●			●				
G6																							

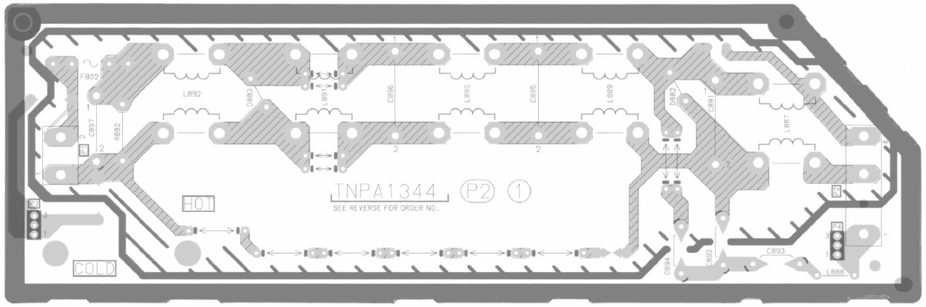
◎ : **Обмотать второй раз**

Примечание: Анодные провода должны быть отделены по крайней мере на 20 мм от CRT, коробки SP, P.C.B. и от задней крышки.

ДЛЯ ЗАМЕТОК

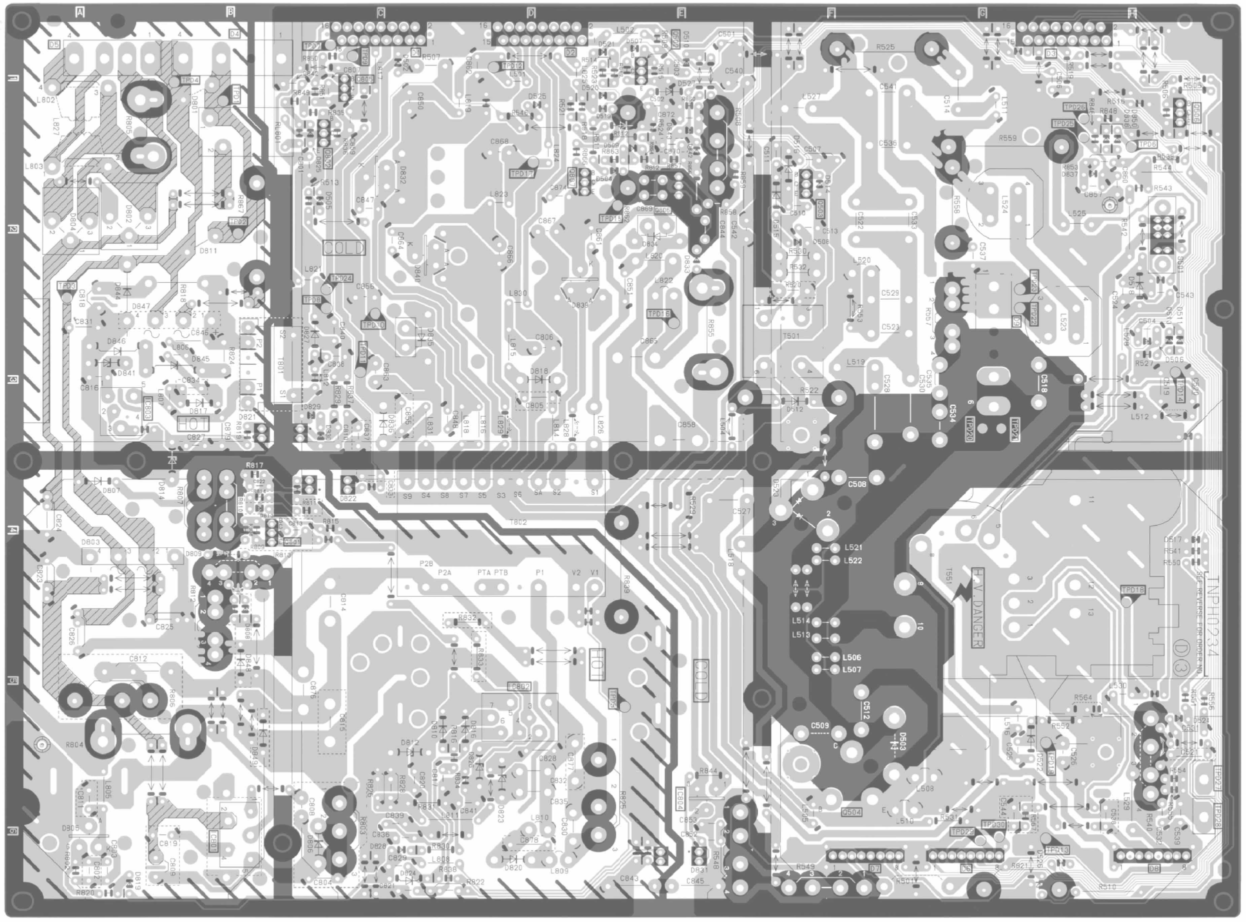
СХЕМЫ МОНТАЖНЫХ ПЛАТ

ПЛАТА P1
TNPA1343



TNPA1344
P2
①
SEE REVERSE FOR ORDER NO.
HOT
COLD
L892
L887
L888
C893

ПЛАТА D
TNPH0234AE (для TX-29P100T)
TNPH0234AF (для TX-33P100T)

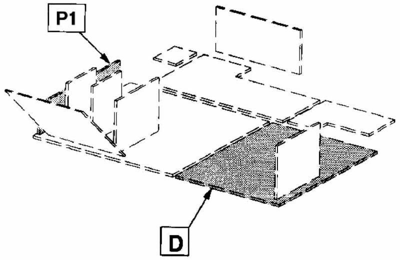


TNPH0234
SEE REVERSE FOR ORDER NO.
D③
H.V. DANGER
HOT
COLD
1
2
3
4
5
6
A
B
C
D
E
F
G
H
I

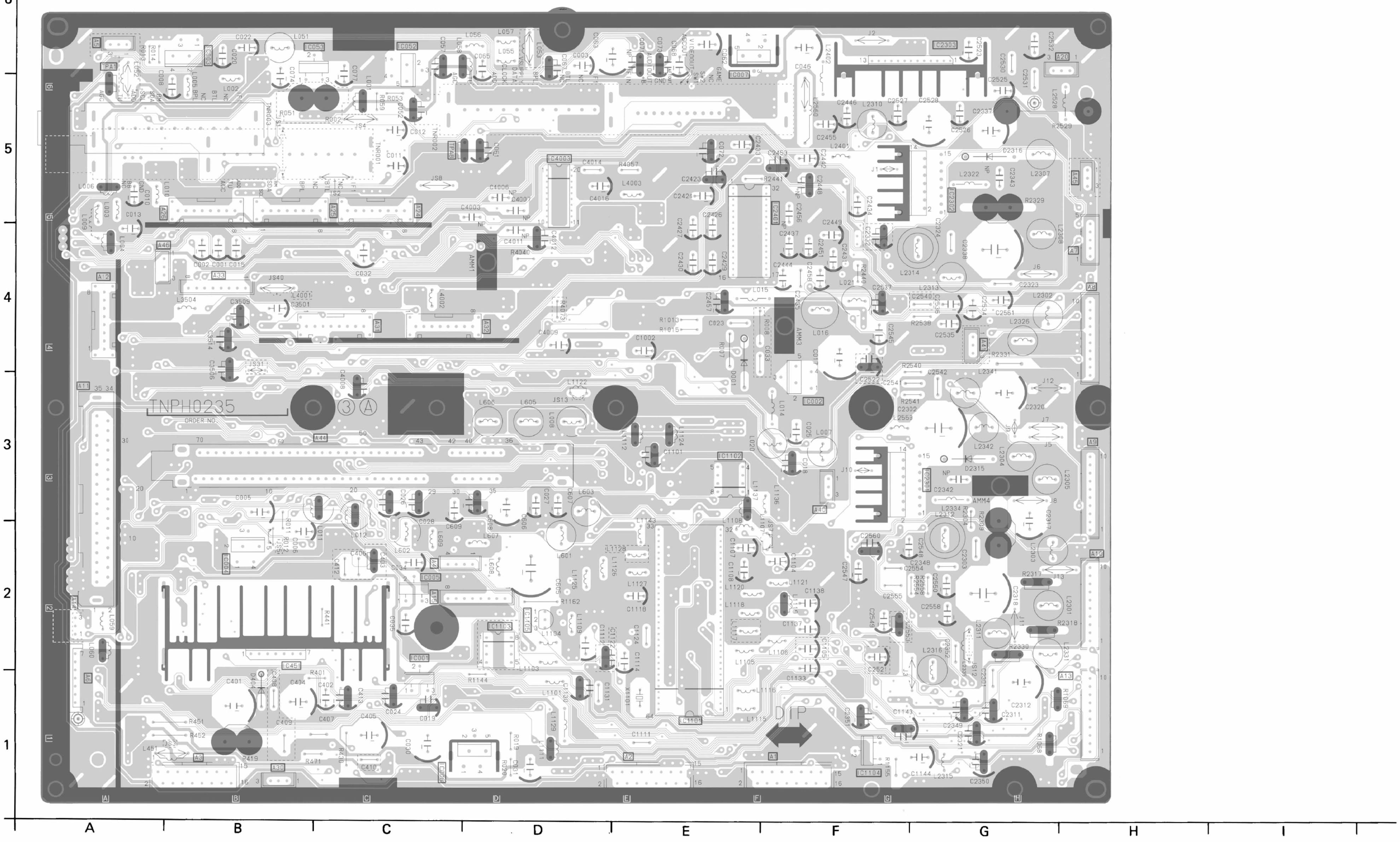
РАЗМЕЩЕНИЕ ЧАСТЕЙ

ПЛАТА D			
ИС		TPD8	B-4
IC802	C-2	TPD9	B-5
IC803	A-3	TPD10	B-3
IC804	D-1	TPD11	B-3
ТРАНЗИСТОРЫ		TPD12	C-5
Q502	D-5	TPD13	F-1
Q503	D-4	TPD14	F-3
Q504	E-1	TPD15	D-4
Q506	F-4	TPD16	D-3
Q802	B-4	TPD17	C-4
Q805	B-5	TPD18	F-2
Q806		TPD19	F-1
Q807	C-4	TPD20	E-3
ТР		TPD21	E-3
TPD1	B-5	TPD22	F-3
TPD2	B-4	TPD23	F-4
TPD3	A-4	TPD24	B-3
TPD4	A-5	TPD25	F-4
TPD5	D-2	TPD26	F-4
TPD6	F-4	TPD27	F-1
TPD7	B-5	TPD28	F-1
		TPD29	E-1
		TPD30	E-1

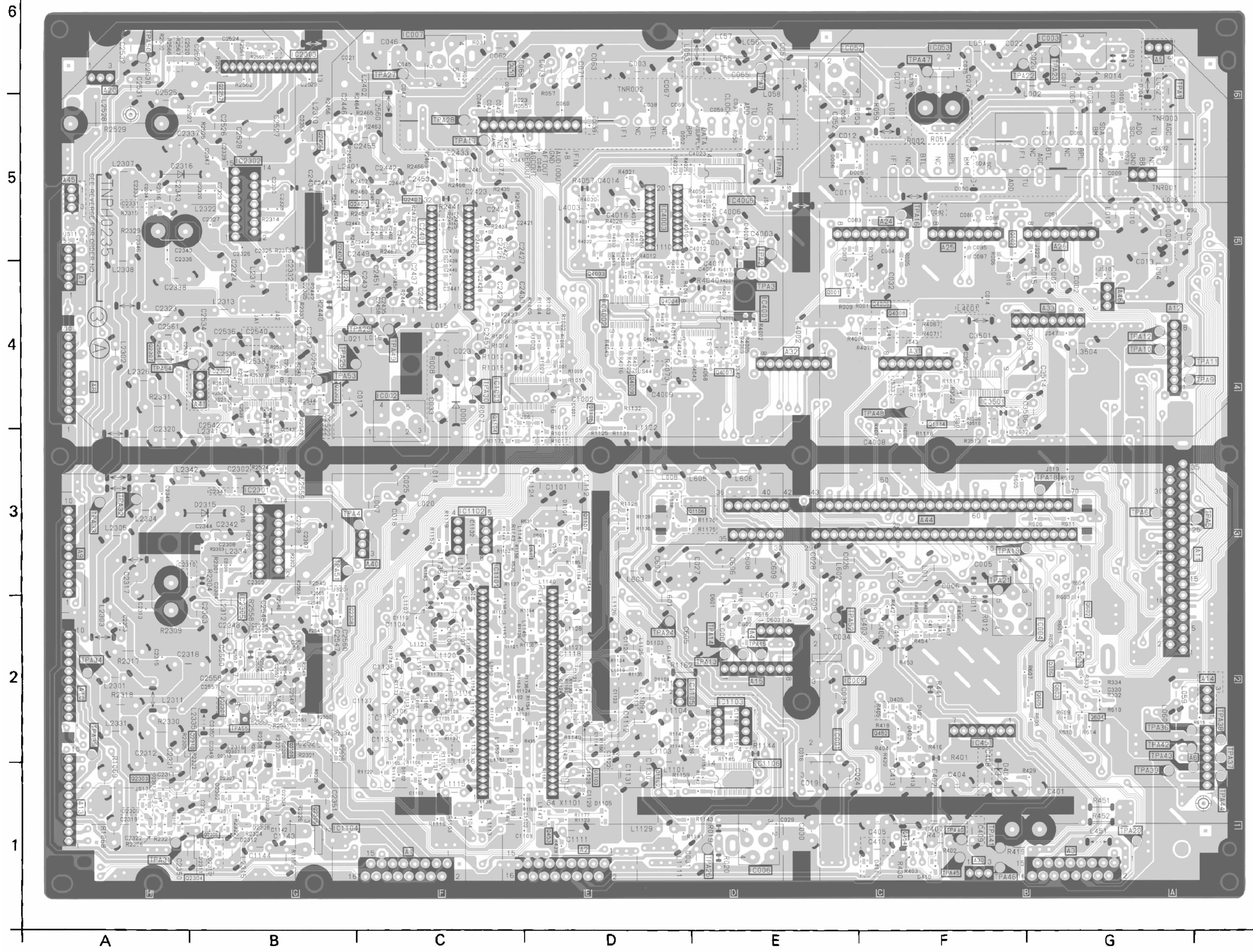
ИНФОРМАЦИЯ ОБ АДРЕСЕ

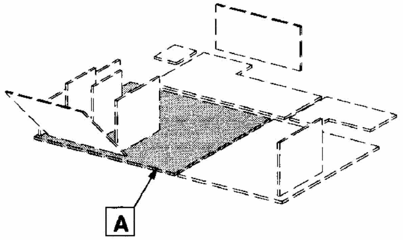


ПЛАТА А (СТОРОНА МОНТАЖА)
TNPH0235AB (для TX-29P100T)
TNPH0235AH (для TX-33P100T)


6
5
4
3
2
1
A
B
C
D
E
F
G
H
I
TNPH0235
ORDER NO.
DIP

ПЛАТА А (СТОРОНА СВЯЗЕЙ)
TNPH0235AB (для TX-29P100T)
TNPH0235AH (для TX-33P100T)





РАЗМЕЩЕНИЕ ЧАСТЕЙ

ПЛАТА А (СТОРОНА СВЯЗЕЙ)

ИС	
IC1	E-2
IC2	C-4
IC3	G-6
IC4	G-2
IC5	E-2
IC6	E-1
IC7	C-6
IC52	E-6
IC53	F-6
IC451	F-2
IC1001	C-4
IC1101	C-3
IC1102	C-3
IC1103	E-2
IC1104	B-1
IC1105	E-2
IC1106	E-1
IC2301	B-3
IC2302	B-5
IC2303	B-6
IC2304	B-4
IC2305	B-2
IC2401	C-5
IC3501	F-4
IC4001	E-4
IC4002	D-4
IC4003	D-5
IC4006	E-5

ТРАНЗИСТОРЫ	
Q1	E-4
Q2	F-5
Q51	C-6
Q306	G-2
Q452	F-2
Q453	D-1
Q454	F-1
Q501	D-3
Q601	G-2
Q602	G-2
Q603	G-2
Q604	G-2
Q605	G-2
Q1101	D-3
Q1102	D-1
Q1103	D-1
Q1104	C-3
Q1105	D-4
Q1106	E-3
Q1114	F-3
Q2252	B-5
Q2301	B-2
Q2302	B-4
Q2303	A-1
Q2304	B-1
Q2305	B-1
Q2306	B-1
Q2307	A-4
Q2308	B-2
Q2309	B-2
Q2310	B-2
Q2402	B-4
Q2404	B-5
Q2405	C-5
Q2406	B-5
Q2407	C-5
Q4003	D-4
Q4004	D-4
Q4006	F-4
Q4007	E-4
Q4008	F-4
Q4009	D-4

TP	
TPA1	G-5
TPA2	E-2
TPA3	E-4
TPA4	B-3
TPA5	H-3
TPA6	G-3
TPA7	E-6
TPA8	E-5
TPA9	H-4
TPA10	G-4
TPA11	H-4
TPA12	G-4
TPA13	E-2
TPA14	E-2
TPA15	E-2
TPA16	F-5
TPA17	C-5
TPA18	G-3
TPA19	F-2
TPA20	G-1
TPA21	F-2
TPA22	G-6
TPA23	G-6
TPA24	D-2
TPA25	B-5
TPA26	E-1
TPA27	C-6
TPA28	C-5
TPA29	C-4
TPA30	C-4
TPA31	A-1
TPA32	A-3
TPA33	A-3
TPA34	A-2
TPA35	A-2
TPA36	G-2
TPA37	H-2
TPA38	H-2
TPA39	G-1
TPA40	F-1
TPA41	F-1
TPA42	G-2
TPA43	G-2
TPA44	H-1
TPA45	F-1
TPA46	F-1
TPA47	F-6
TPA48	F-4
TPA49	C-4
TPA50	A-6
TPA51	B-3
TPA52	E-2
TPA53	B-4
TPA54	A-4
TPA55	B-2

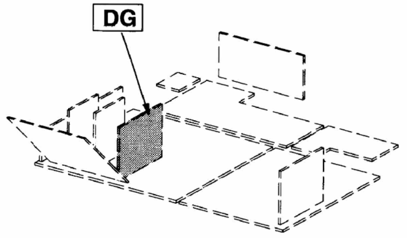
ИНФОРМАЦИЯ ОБ АДРЕСЕ

H

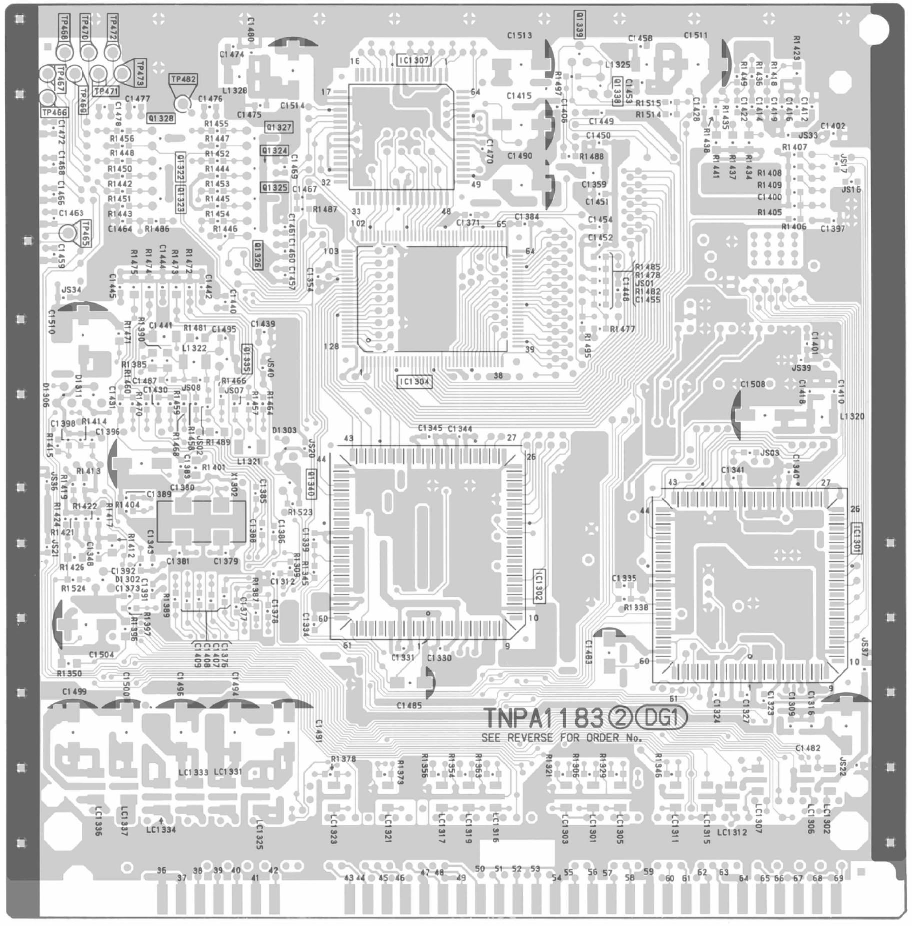
I

ПЛАТА DG (СТОРОНА СВЯЗЕЙ)													
ИС		IC1309	H-2	Q1307	H-3	Q1317	H-3	Q1333	H-2	TP469	A-5	TP479	I-5
IC1300	F-2	**ТРАНЗИСТОРЫ**		Q1308	I-3	Q1318	I-3	Q1334	I-3	TP470	A-5	TP480	I-5
IC1301	E-2	Q1300	F-2	Q1309	I-3	Q1319	I-3	Q1336	E-3	TP471	A-5	TP481	I-5
IC1302	C-2	Q1301	F-2	Q1310	G-2	Q1321	F-2	Q1337	E-3	TP472	A-5	TP482	A-5
IC1303	G-3	Q1302	H-2	Q1311	H-3	Q1327	B-4	**TP**		TP473	A-5		
IC1304	C-3	Q1303	Q-2	Q1312	G-3	Q1328	A-4	TP465	A-4	TP474	I-5		
IC1305	G-4	Q1304	F-2	Q1313	G-2	Q1329	H-2	TP466	A-4	TP475	I-5		
IC1306	E-4	Q1305	H-2	Q1314	F-2	Q1330	H-2	TP467	A-5	TP476	I-5		
IC1307	C-5	Q1306	H-3	Q1315	G-2	Q1331	I-2	TP468	A-5	TP477	I-5		
IC1308	H-4			Q1316	G-2	Q1332	F-2			TP478	I-5		

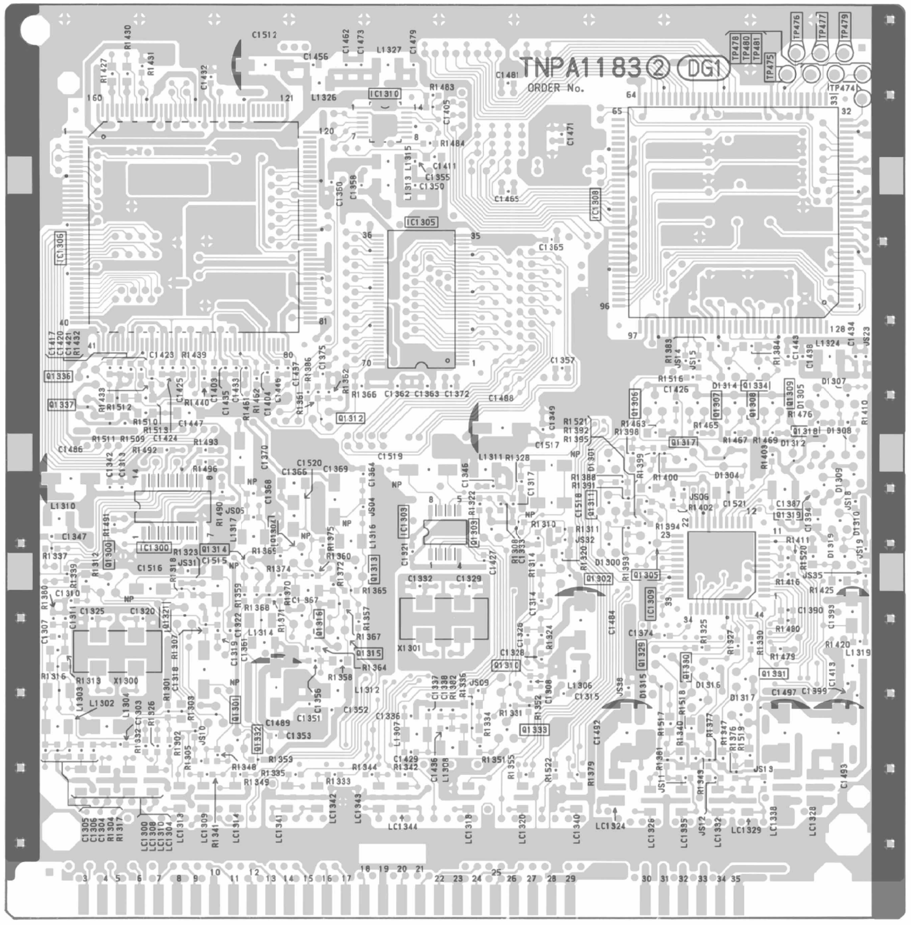
ИНФОРМАЦИЯ ОБ АДРЕСЕ



ПЛАТА DG (СТОРОНА СВЯЗЕЙ)
TXNDG10EUC

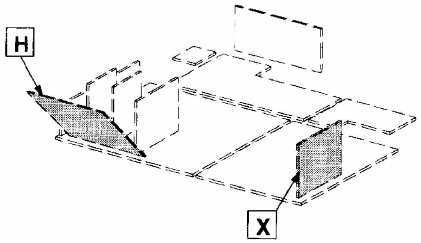

TNPA1183② DG1
SEE REVERSE FOR ORDER No.
IC1300
IC1301
IC1302
IC1304
IC1307
TP465
TP466
TP467
TP468
TP469
TP470
TP471
TP472
TP473
TP482

ПЛАТА DG (СТОРОНА МОНТАЖА)
TXNDG10EUC

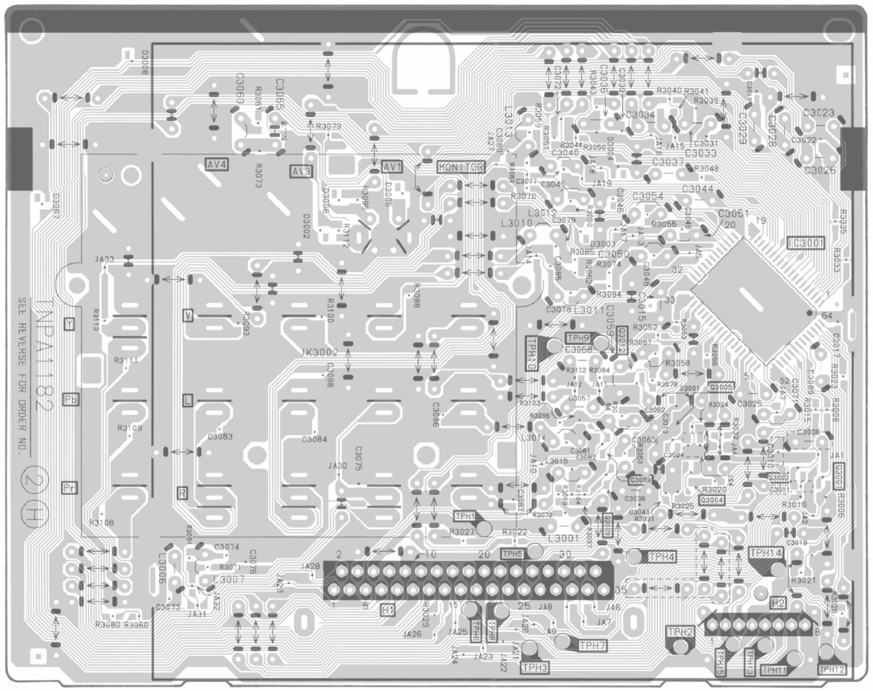

TNPA1183② DG1
ORDER No.
IC1303
IC1305
IC1306
IC1308
IC1309
IC1310
TP474
TP475
TP476
TP477
TP478
TP479
TP480
TP481

6
5
4
3
2
1

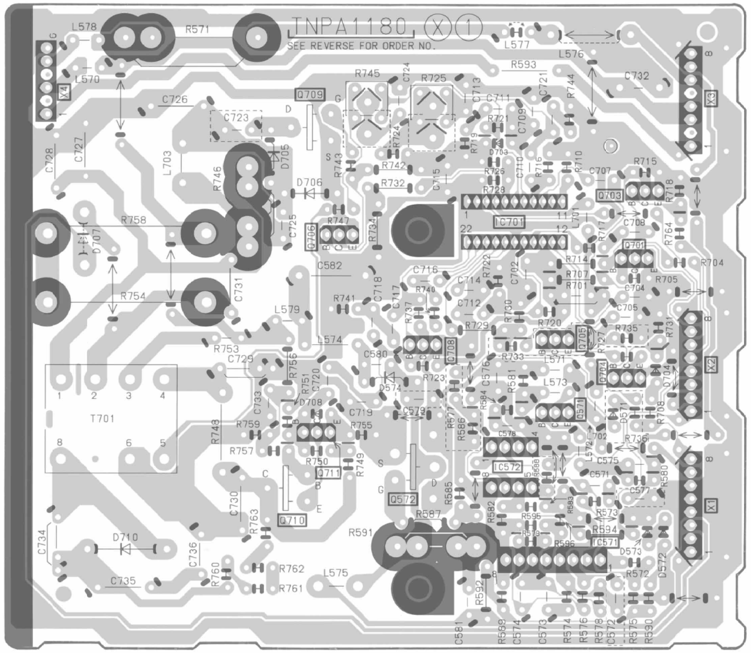
A B C D E F G H I



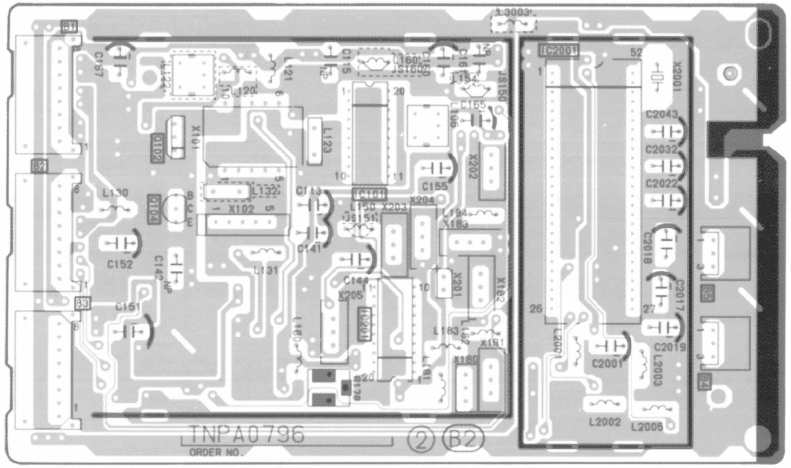
ПЛАТА H
TNPA1182


TNPA1182
SEE REVERSE FOR ORDER NO.
② H

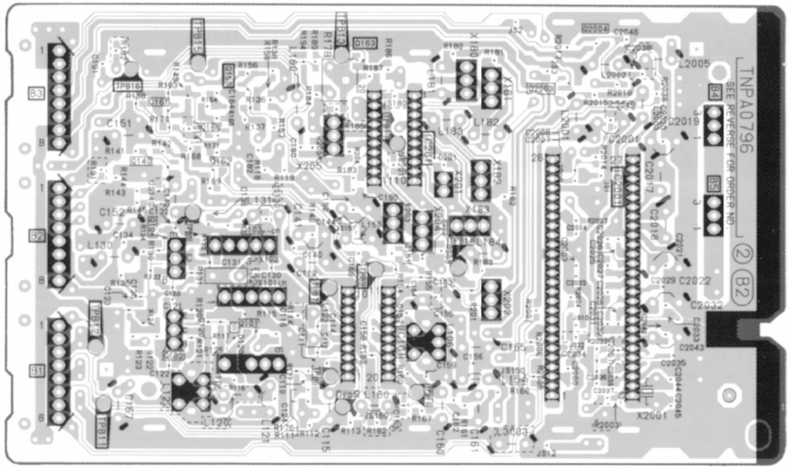
ПЛАТА X
TNPA1180 (для TX-29P100T)
TNPA1180AB (для TX33P100T)


TNPA1180
SEE REVERSE FOR ORDER NO.
X ①

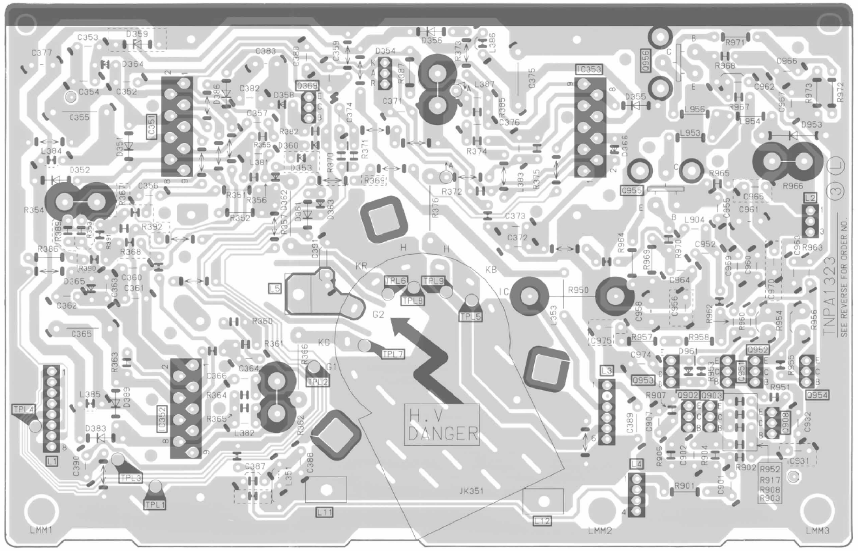
ПЛАТА B2 (СТОРОНА МОНТАЖА)
TNPA0796AC

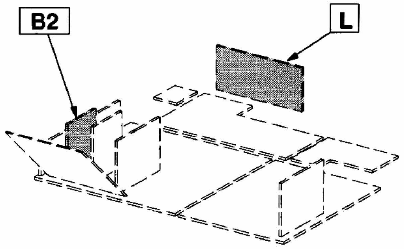

TNPA0796
ORDER NO.
② B2
IC2001
X2001
L2002
L2003
L2005

ПЛАТА B2 (СТОРОНА СВЯЗЕЙ)
TNPA0796AC

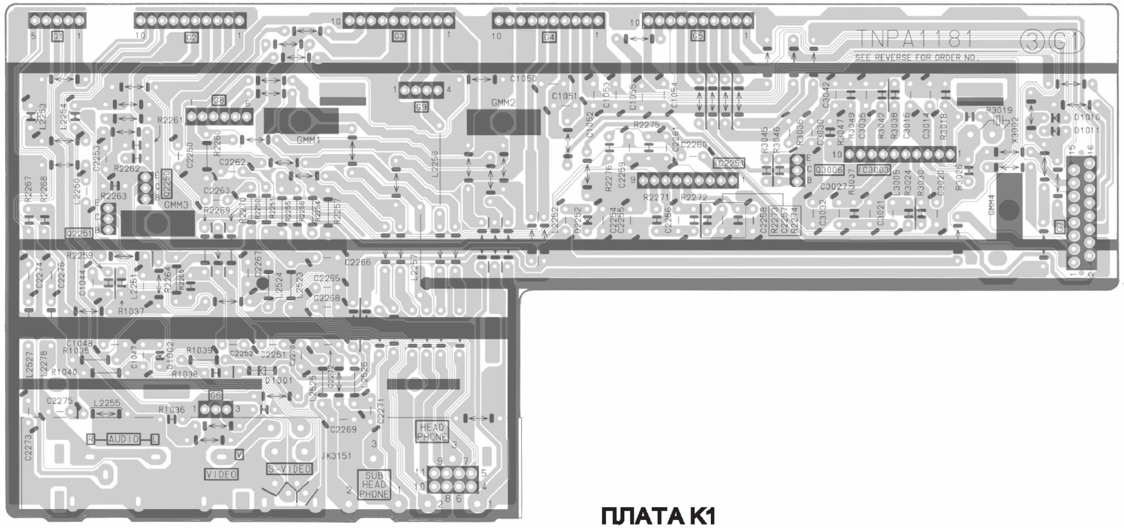

TNPA0796
SEE REVERSE FOR ORDER NO.
② B2

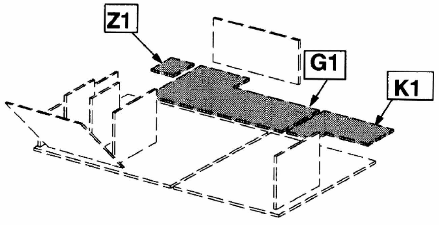
ПЛАТА L
TNPA1323 (для TX-29P100T)
TNPA1323 AB (для TX33P100T)


TNPA1323
SEE REVERSE FOR ORDER NO.
③ L
H.V DANGER
LMM1
LMM2
LMM3
JK351

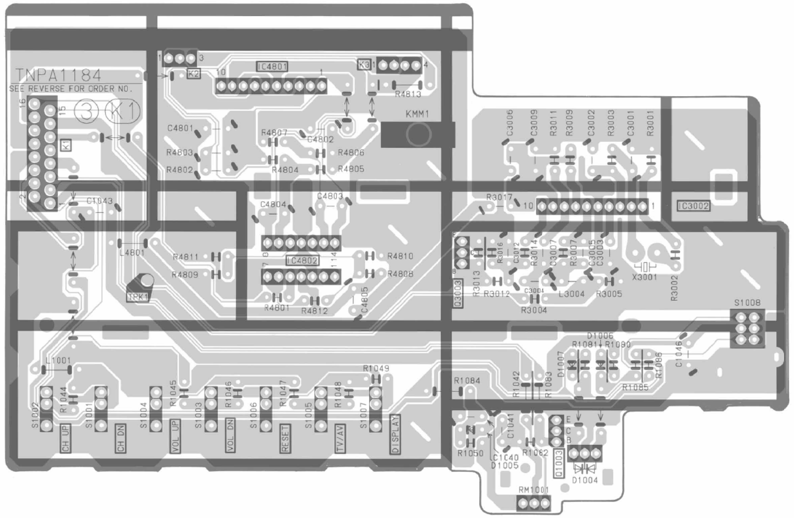


ПЛАТА G1
TNPA1181AB (для TX-29P100T)

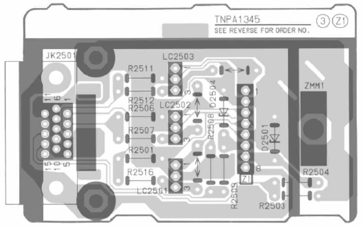

TNPA1181
SEE REVERSE FOR ORDER NO.
3 G1
GMM1
GMM2
GMM3
GMM4
AUDIO
VIDEO
S-VIDEO
HEAD PHONE
SUB HEAD PHONE
JK3151



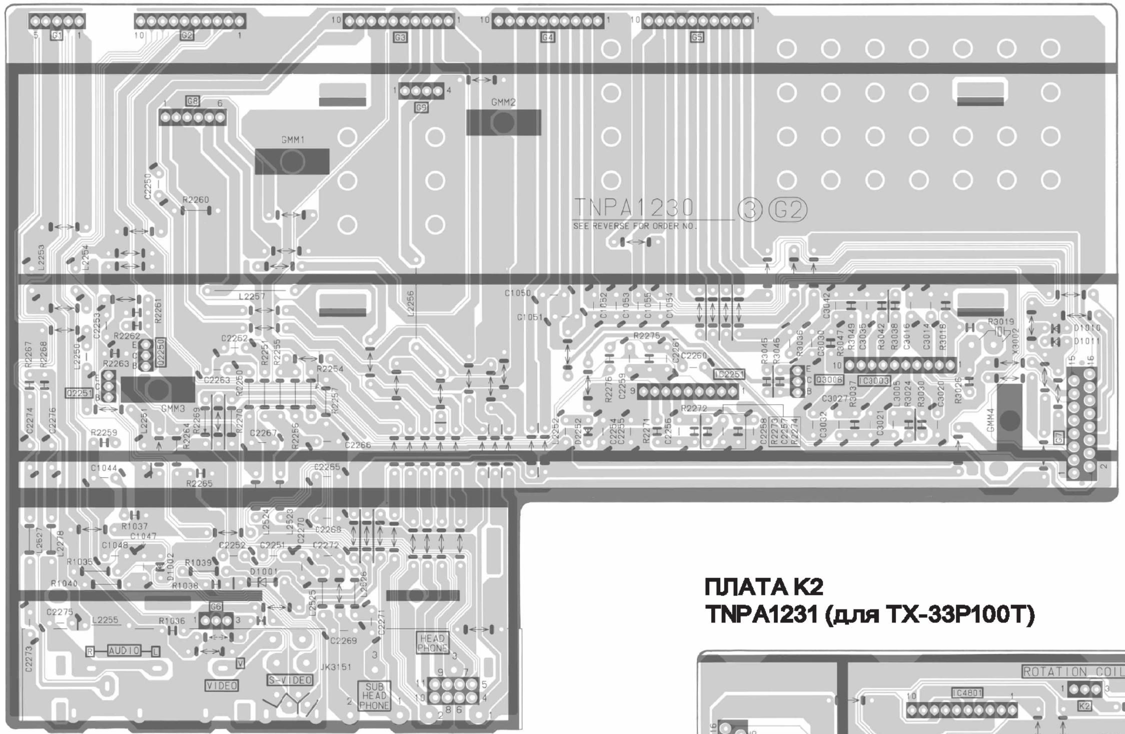
ПЛАТА K1
TNPA1184 (для TX-29P100T)

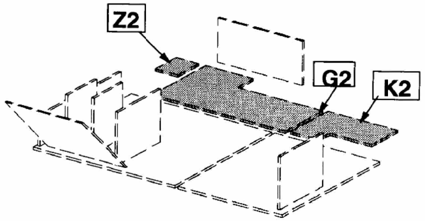

TNPA1184
SEE REVERSE FOR ORDER NO.
3 K1
KMM1
IC4801
IC4802
IC3002
IC3003
X3001
S1008
CH UP
CH DN
VOL UP
VOL DN
RESET
TV/AV
DISPLAY
RM1001

ПЛАТА Z1
TNPA1345 (для TX-29P100T)

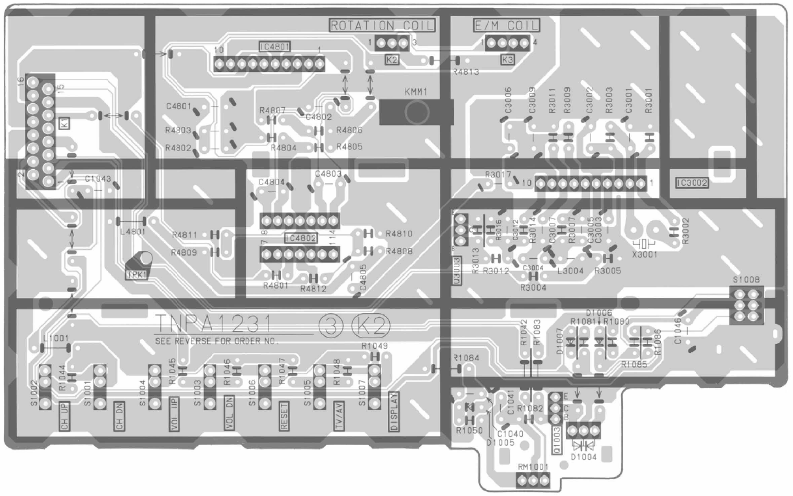

TNPA1345
SEE REVERSE FOR ORDER NO.
3 Z1
JK2501
ZMM1

ПЛАТА G2
TNPA1230 (для TX-33P100T)

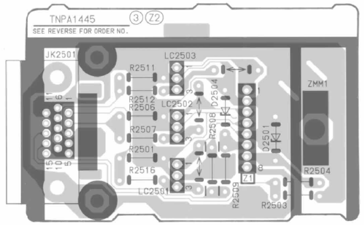

TNPA1230 ③ G2
SEE REVERSE FOR ORDER NO.
GMM1
GMM2
GMM3
GMM4
AUDIO
VIDEO
S-VIDEO
HEAD PHONE
SUB HEAD PHONE
JK3151

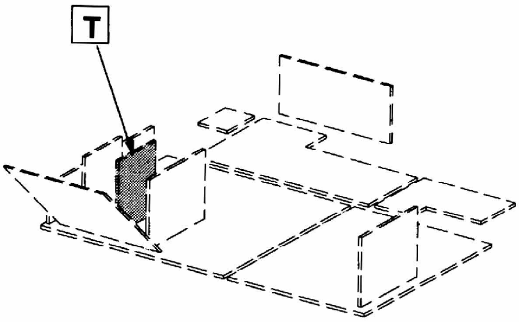


ПЛАТА K2
TNPA1231 (для TX-33P100T)

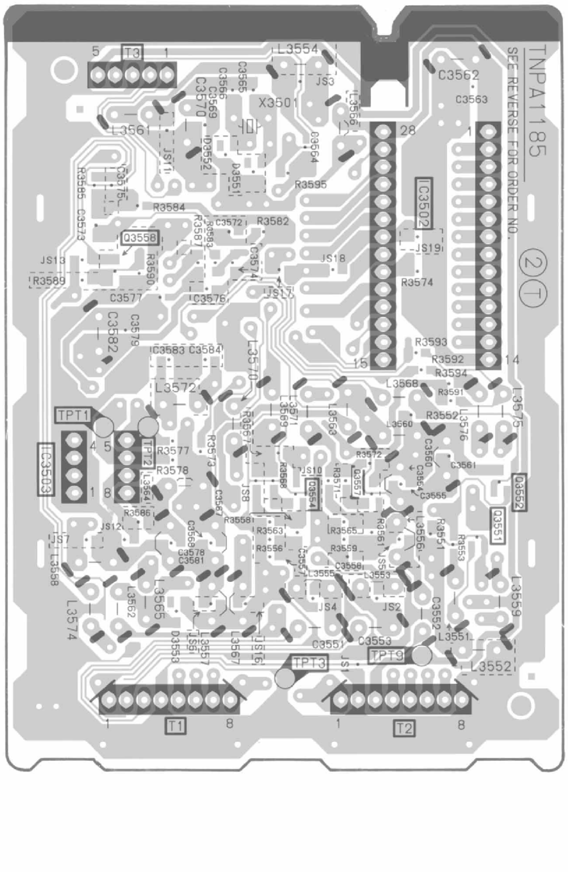

ROTATION COIL
E/M COIL
KMM1
TNPA1231 ③ K2
SEE REVERSE FOR ORDER NO.
CH UP
CH DN
VOL UP
VOL DN
RESET
TV/AV
DISPLAY
IC4801
IC4802
IC3002
X3001

ПЛАТА Z2
TNPA1445 (для TX-33P100T)

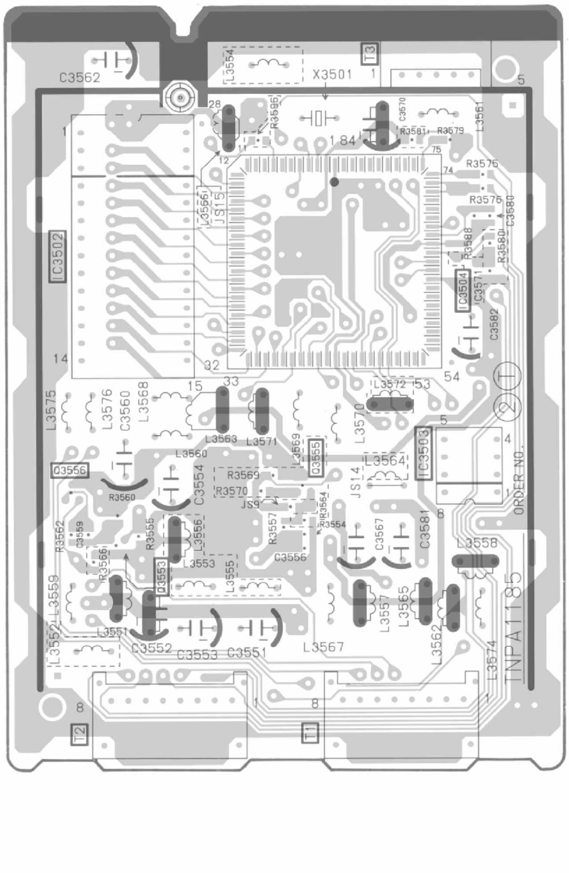

TNPA1445 ③ Z2
SEE REVERSE FOR ORDER NO.
JK2501
ZMM1



ПЛАТА T (СТОРОНА СВЯЗЕЙ)
TNPA1185AE


TNPA1185
SEE REVERSE FOR ORDER NO.
T3
T1
T2
TPT1
TPT2
TPT3
TPT9
IC3502
IC3503
X3501

ПЛАТА T (СТОРОНА МОНТАЖА)
TNPA1185AE


TNPA1185
ORDER NO.
T3
T2
T1
X3501
IC3502
IC3503
IC3504

ДЛЯ ЗАМЕТОК

Принципиальная схема

Замечание, важное для обеспечения безопасности

Компоненты, отмеченные знаком ⚠, имеют специфические характеристики в плане безопасности. При замене любого из них необходимо использовать только соответствующие техническим условиям части, произведенные изготовителем.

Примечания:

1. **Резисторы**
   Все резисторы угольные на 1/4 Ом за исключением имеющих нижеприведенную маркировку.
   Единица сопротивления - ом [Ом, Ω] (к = 1000, М = 1 000 000).
   ○ : невоспламеняющийся ⊠ : металлооксидный
   △ : интегральной схемы ◎ : металлопленочный
   ⧄ : проволочный ⊗ : резистор-предохранитель
2. **Конденсаторы**
   Все конденсаторы керамические на 50 В конденсатор за исключением имеющих нижеприведенную маркировку.
   Единица емкости - мкФ, если не указано иначе.
   ⊗ : цепи термокомпенсации +‖ : оксидный
   Ⓜ : полиэфирный NP‖ : биполярный
   ⓜ : металлизированный полиэфирный Ⓣ : из тантала, обработанного погружением
   ⊠ : полипропиленовый Ⓩ : типа Z
3. Катушки
   Единица индуктивности - мкФ, если не указано иначе.
4. Контрольные точки
   ⚲ : контрольная точка
5. Условное обозначение заземления
   ⏚ : заземление на шасси ("холодное") ⊥ : заземление на линию ("горячее")
6. Измерение напряжения
   Напряжение измеряется вольтметром постоянного тока.
   Условия измерения:
   Питание .... 220 В переменного тока, 50 Гц
   Получаемый сигнал .... Цветные полосы (RF)
   Все органы управления .... В максимальном положении
7. Цифрами в красном кружке показаны номера сигналов.
   (См. таблицу типов сигналов.)
8. Если найдена стрелка (↗), по ее направлению легко отыскивается место соединения.

9. Обозначает основной сигнал : Видео ➡ Аудио ⇨ Видео pin P ⇨
10. Эта принципиальная схема является самой последней на момент печати. Возможно внесение в нее изменений без предварительного уведомления.

Примечания:

1. Для части силовой цепи с целью изолирования соедлинения заземления используется отдельное питание.
   На принципиальной схеме цепь помечена обозначениями "HOT" и "COLD". Соблюдайте следующие меры предосторожности.
   Все цепи кроме силовой являются "холодными".
   Меры предосторожности
   а. Не дотрагиваться до "горячих" деталей, а также одновременно до "горячей" и "холодной" частей; в противном можно получить удар током.
   б. Не замыкать накоротко "горячую" и "холодную" цепи; в противном случае возможно перегорание плавкого предохранителя, поломка частей.
   в. Не подсоединять такие инструменты, как осциллограф, одновременно к "горячей" и "холодной" цепям; в противном случае возможно перегорание плавкого предохранителя.
   одсоединять заземление инструментов к заземляющему соединению измеряемой цепи.
   д. Перед снятием шасси обязательно вынимать штепсель из розетки.
2. Следующие диоды взаимозаменяемы:
   MA150-MA162 (сменная часть)

Пульт(TNQE159) дистанционного управления

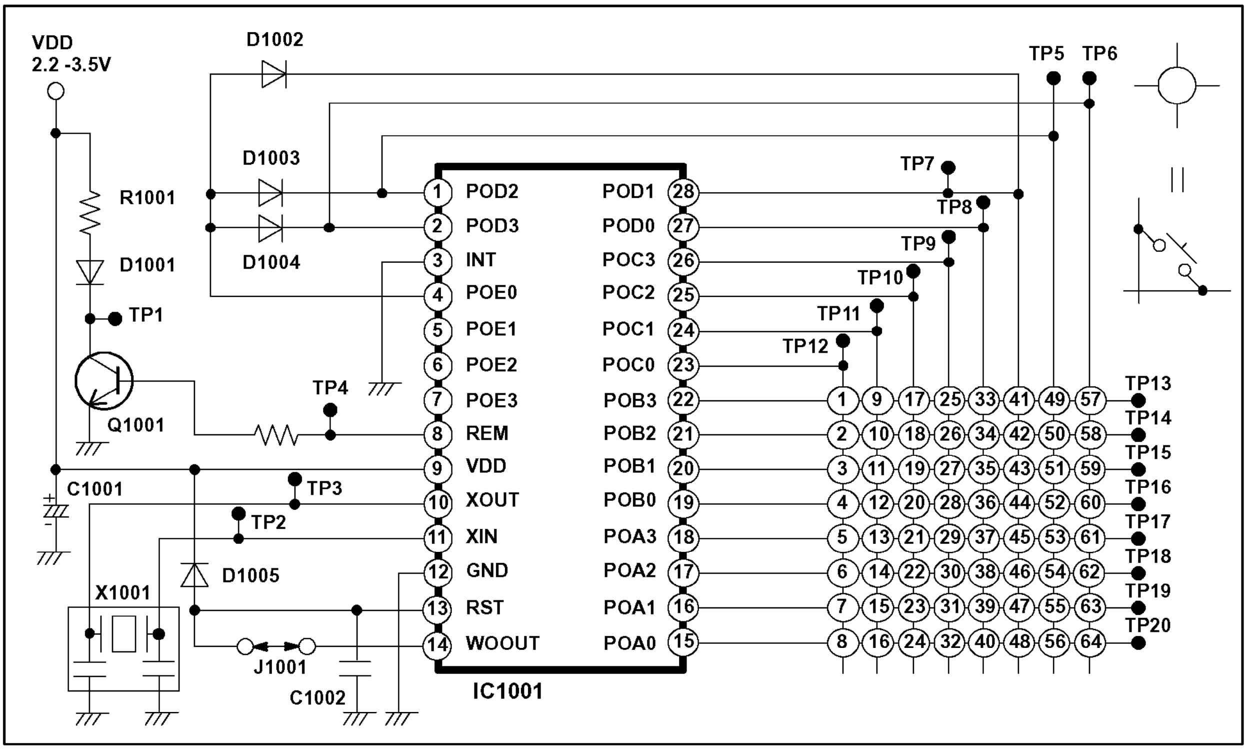
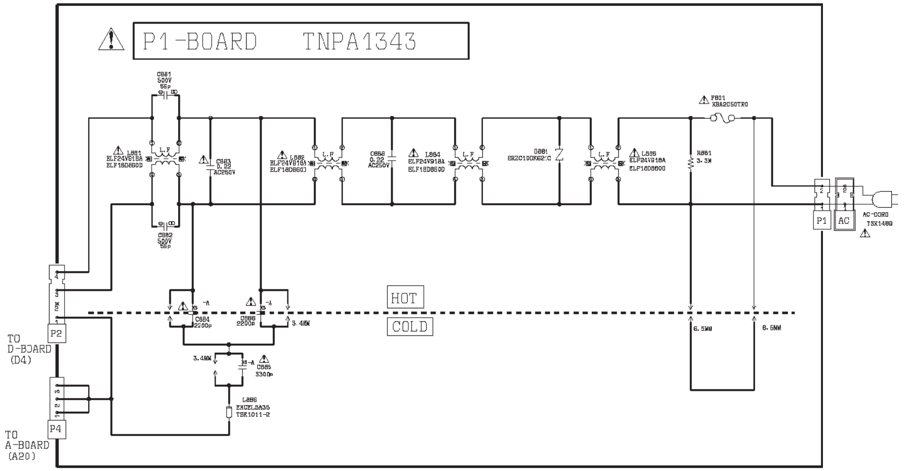

VDD
2.2 -3.5V
D1002
D1003
D1004
R1001
D1001
TP1
Q1001
TP4
C1001
TP3
TP2
D1005
X1001
J1001
C1002
IC1001
TP5
TP6
TP7
TP8
TP9
TP10
TP11
TP12
TP13
TP14
TP15
TP16
TP17
TP18
TP19
TP20
1 POD2
2 POD3
3 INT
4 POE0
5 POE1
6 POE2
7 POE3
8 REM
9 VDD
10 XOUT
11 XIN
12 GND
13 RST
14 WOOUT
28 POD1
27 POD0
26 POC3
25 POC2
24 POC1
23 POC0
22 POB3
21 POB2
20 POB1
19 POB0
18 POA3
17 POA2
16 POA1
15 POA0

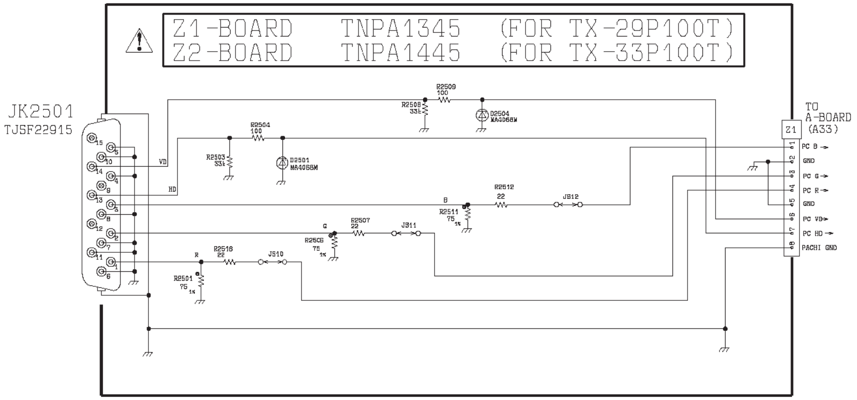
Таблица функций клавиш

key No.	Function	key No.	Function	key No.	Function
1	MUTE	23	MAIN MENU	45	INDEX
2	SURROUND	24	4	46	HOLD
3	TV/AV	25	9	47	STEREO
4	VCR/LD:REW	26	8	48	D.PNR
5	VCR/LD:STOP	27	VOL.UP	49	CHANGE
6	VCR/LD:FF	28	N(NORMAL)	50	STROBE
7	VCR/LD:PLAY	29	▶	51	PIP ACTION
8	VCR/LD:POWER ON/OFF	30	VCR:CH UP/LD:SKIP	52	TIME TEXT
9	3	31	◀	53	REVEAL
10	2	32	7	54	F/T/B
11	POS. UP	33	2 DIGIT	55	F.P.
12	LD FUNCTION	34	0	56	P.AI
13	VCR:ADVANCE/LD:DISC A	35	VOL. DOWN	57	--------
14	VCR:REC/LD:DISC B	36	▼	58	--------
15	VCR FUNCTION	37	PC	59	--------
16	1	38	VCR:CH DOWN/LD:SKIP-	60	GREEN
17	6	39	OFF TIMER	61	YELLOW
18	5	40	RECALL	62	BLUE
19	POS. DOWN	41	STILL	63	RED
20	▲	42	CH SEARCH	64	POWER ON/OFF
21	VCR/LD:PAUSE	43	PIP		
22	VCR:REC	44	TV/TEXT		



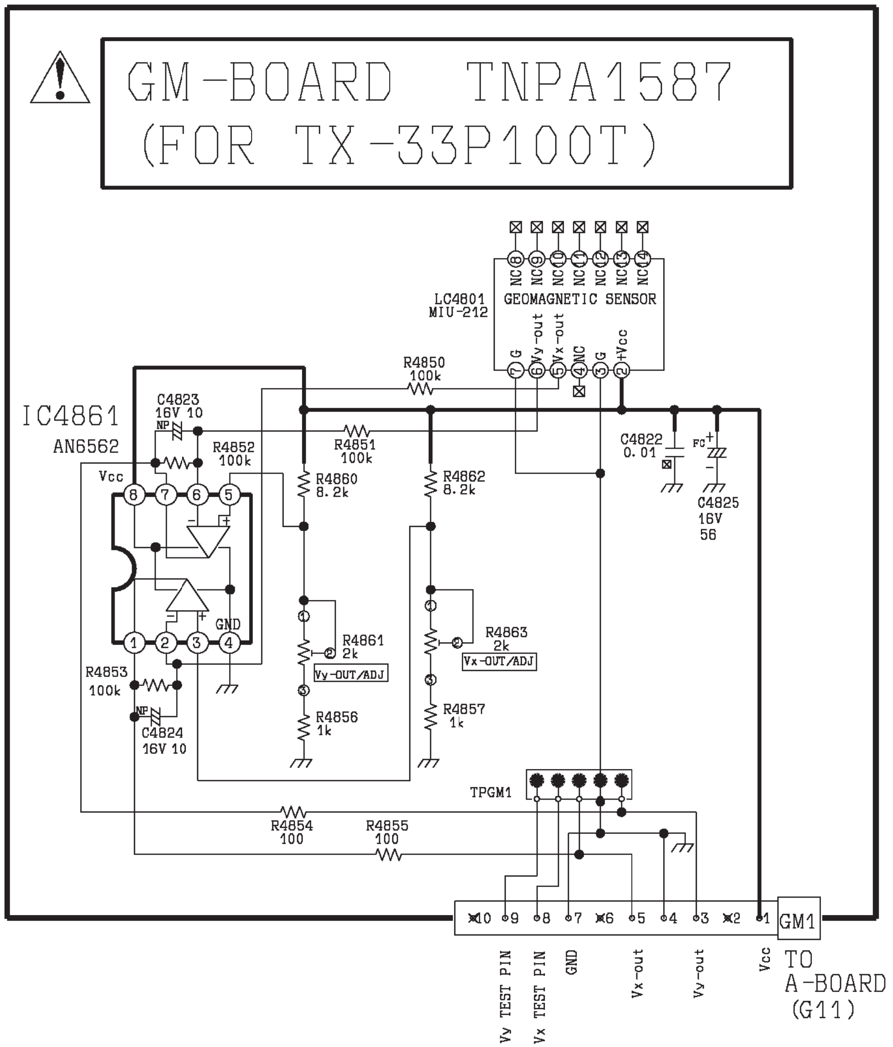
P1-BOARD TNPA1343

C881
500V
56p
C882
500V
56p
L881
ELF24V918A
ELF18D860D
L.F
C883
0.22
AC250V
L882
ELF24V918A
ELF18D860D
C888
0.22
AC250V
L884
ELF24V918A
ELF18D860D
D881
ERZC10DK621C
L885
ELF24V918A
ELF18D860D
R881
3.3M
F801
XBA2C50TR0
P1
AC
AC-CORD
TSX1489
HOT
COLD
C884
2200p
C886
2200p
3.4MM
C885
3300p
L886
EXCELSA35
TSK1011-2
6.5MM
6.5MM
P2
TO
D-BOARD
(D4)
P4
TO
A-BOARD
(A20)



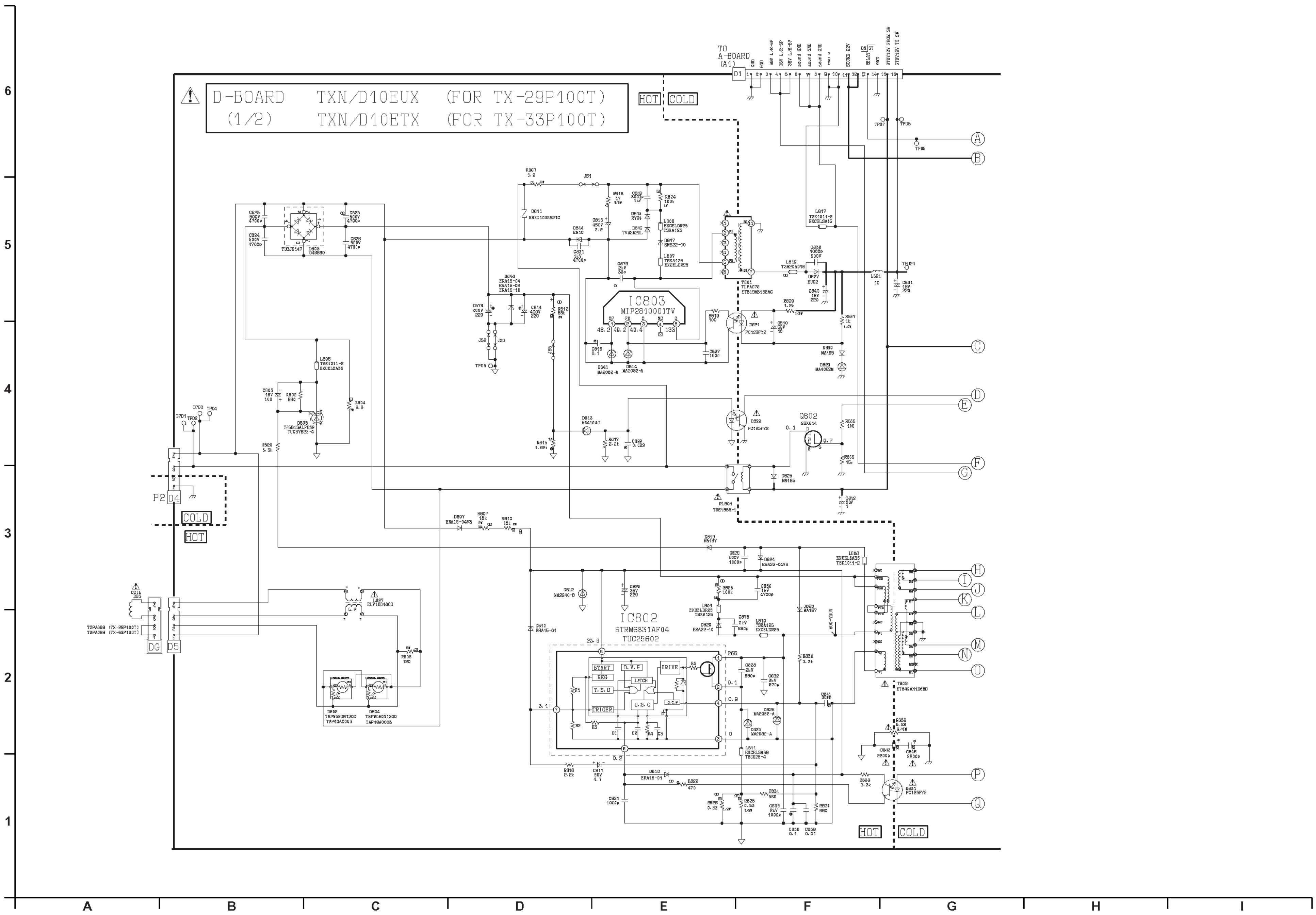
Z1-BOARD TNPA1345 (FOR TX-29P100T)
Z2-BOARD TNPA1445 (FOR TX-33P100T)

JK2501
TJ5F22915
VD
HD
R2503
33k
R2504
100
D2501
MA4068M
R2508
33k
R2509
100
D2504
MA4068M
R
R2501
75
1%
R2516
22
JS10
G
R2506
75
1%
R2507
22
JS11
B
R2511
75
1%
R2512
22
JS12
TO
A-BOARD
(A33)
Z1
PC B →
GND
PC G →
PC R →
GND
PC VD →
PC HD →
PACHI GND

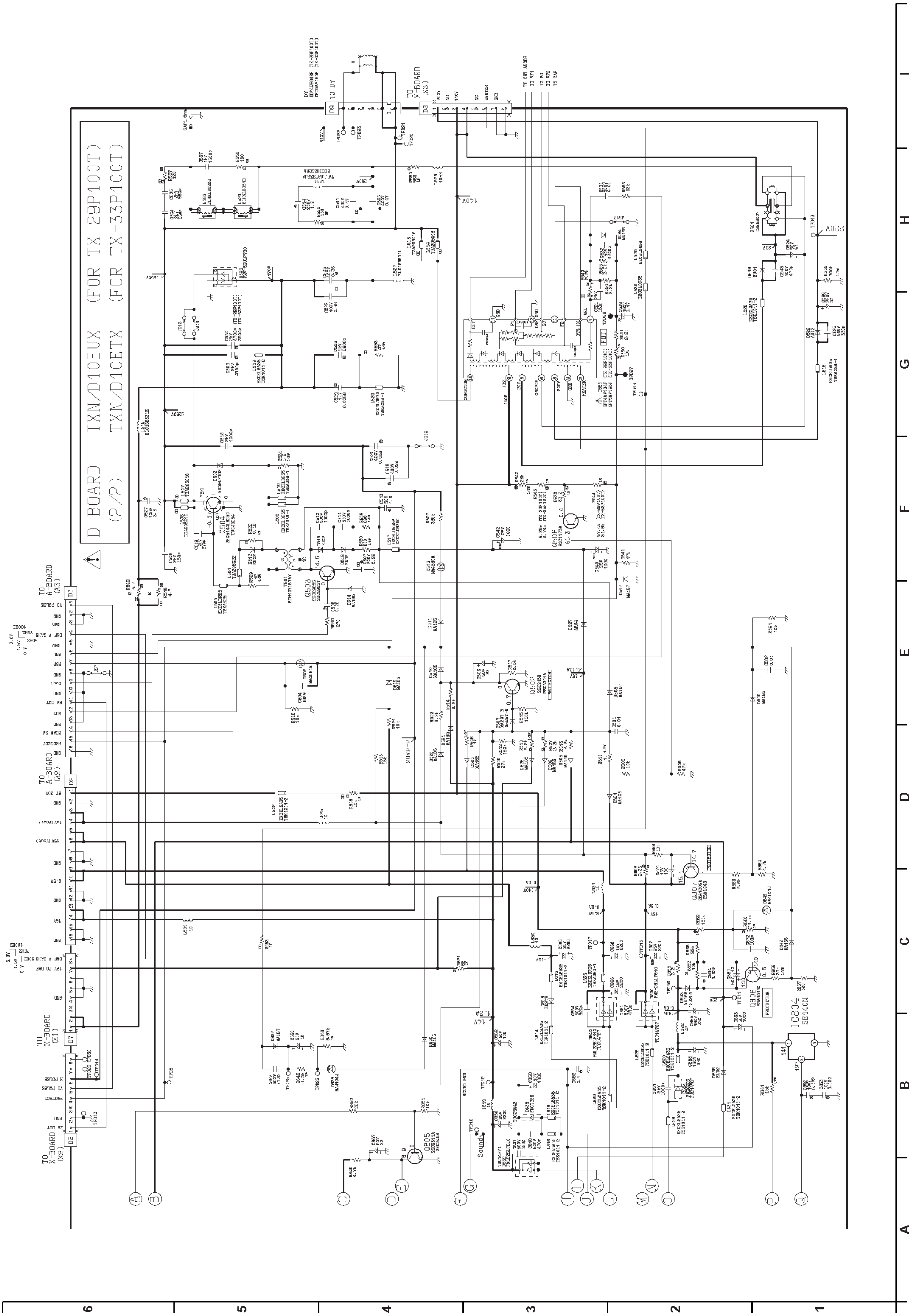


GM-BOARD TNPA1587
(FOR TX-33P100T)

NC8
NC9
NC10
NC11
NC12
NC13
NC14
LC4801
MIU-212
GEOMAGNETIC SENSOR
G
Vy-out
Vx-out
NC
G
+Vcc
R4850
100k
IC4861
AN6562
C4823
16V 10
NP
R4852
100k
R4851
100k
Vcc
R4860
8.2k
R4862
8.2k
C4822
0.01
FC
C4825
16V
56
GND
R4861
2k
Vy-OUT/ADJ
R4856
1k
R4863
2k
Vx-OUT/ADJ
R4857
1k
R4853
100k
NP
C4824
16V 10
TPGM1
R4854
100
R4855
100
GM1
Vy TEST PIN
Vx TEST PIN
GND
Vx-out
Vy-out
Vcc
TO
A-BOARD
(G11)

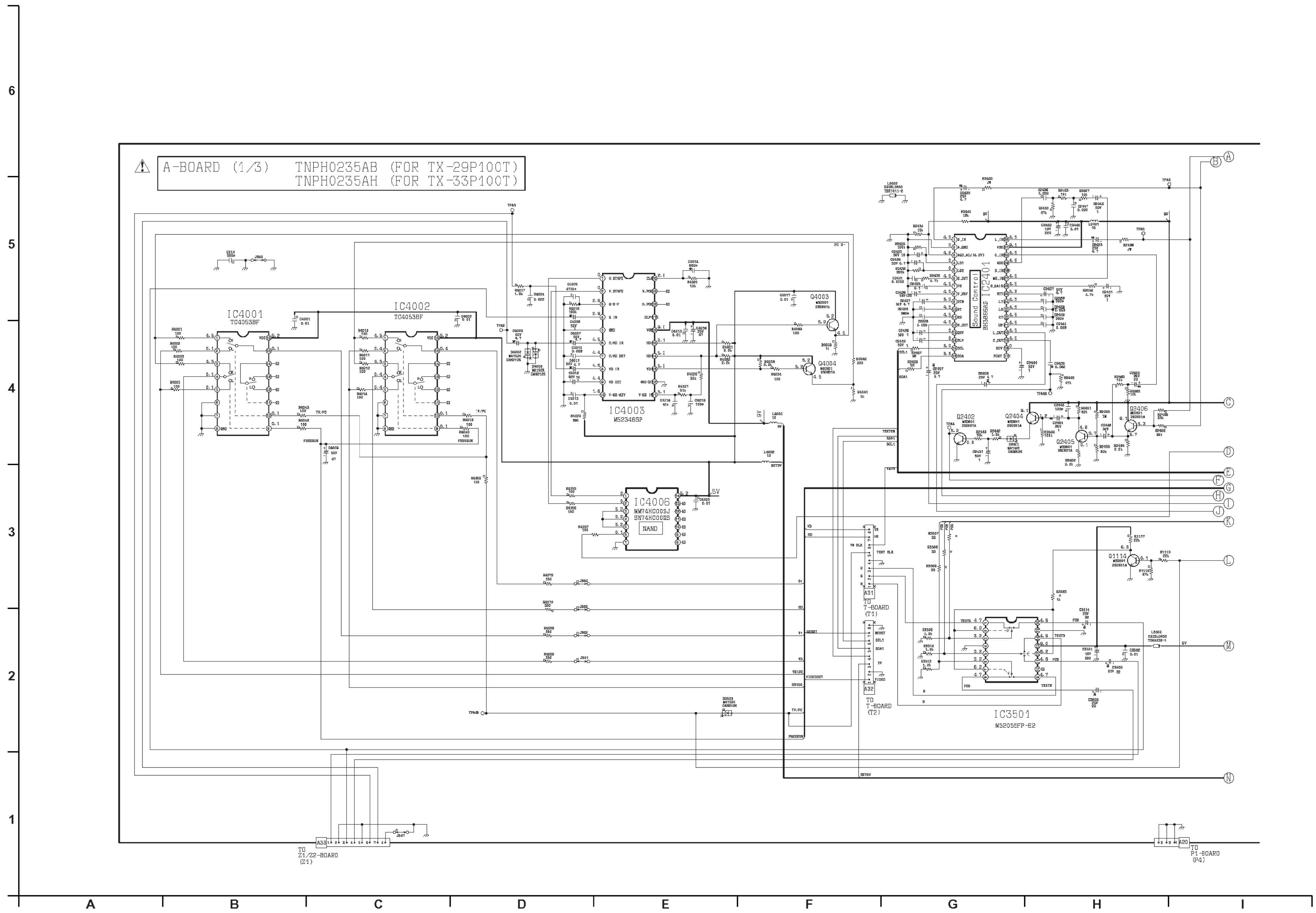

D-BOARD (1/2)
TXN/D10EUX (FOR TX-29P100T)
TXN/D10ETX (FOR TX-33P100T)
HOT
COLD
TO A-BOARD (A1)
D1
GND
38V L/R-SP
sound GND
SOUND 22V
RELAY
ON/ST
STBY12V FROM SW
STBY12V TO SW
IC803
MIP2B10001TV
IC802
STRM6831AF04
TUC25602
START
REG
T.S.D
TRIGER
O.V.P
LATCH
DRIVE
O.S.C
O.C.P
Q802
2SK614
T801
T802
ET54GAN128BD
RL801
TSE1865-1
D822
PC123FY2
D821
PC123FY2
D831
PC123FY2
L827
ELF18D460D
D802
D804
TRPWS80N120D
TAP4GA0003
D805
TUC37823-4
D825
MA185
D819
MA167
D828
MA167
800-700V
P2
D4
D5
DG
COIL DEG
TSPA099 (TX-29P100T)
TSPA089 (TX-33P100T)
TP01
TP02
TP03
TP04
TP05
TP07
TP08
TP09
TP024
46.2
49.2
40.4
133
0.1
0.7
23.8
3.1
0.2
0.9
266
A
B
C
D
E
F
G
H
I
J
K
L
M
N
O
P
Q
1
2
3
4
5
6

Плата P1,Z1,Z2,GM / Плата D

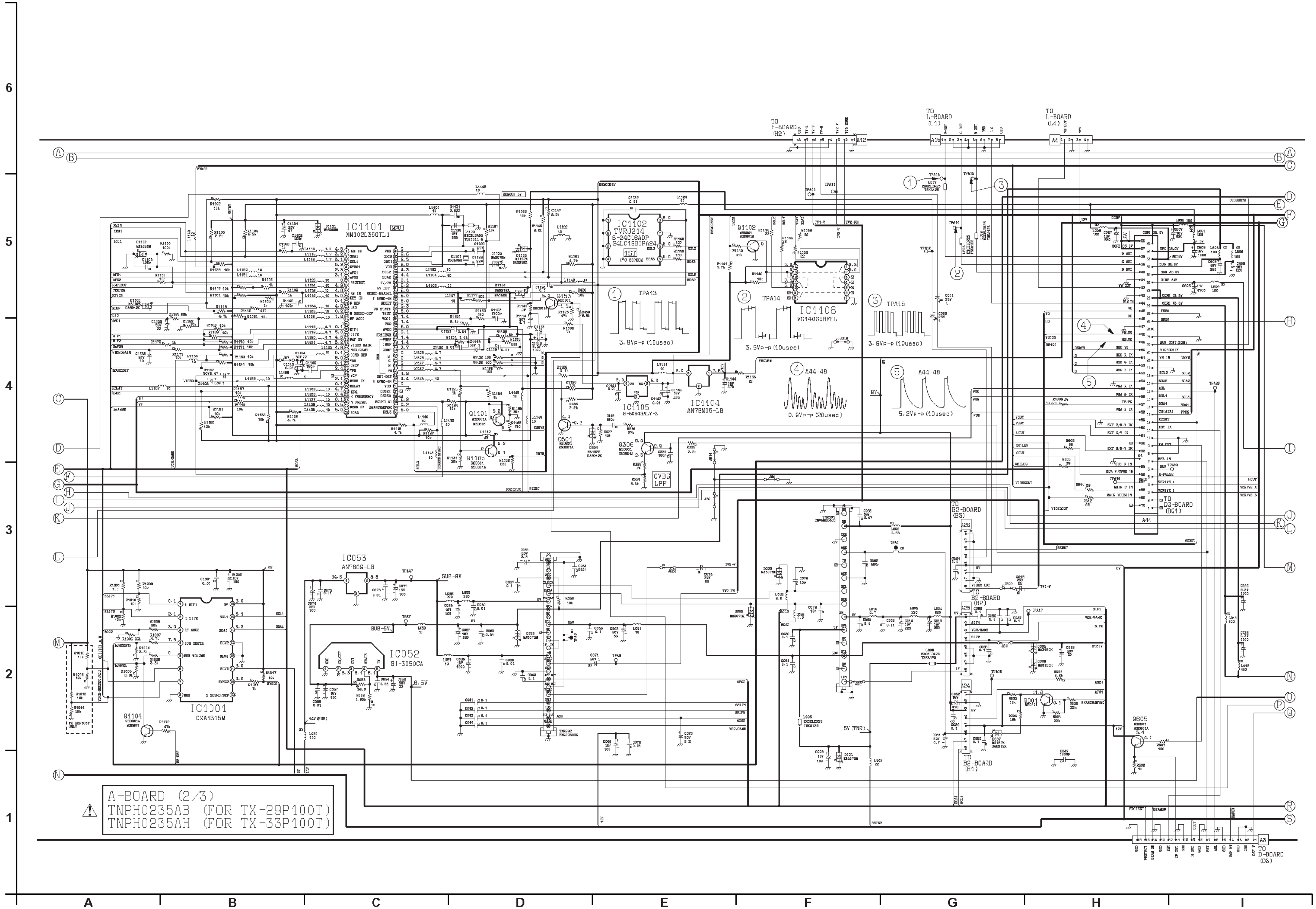


D-BOARD (2/2)
TXN/D10EUX (FOR TX-29P100T)
TXN/D10ETX (FOR TX-33P100T)

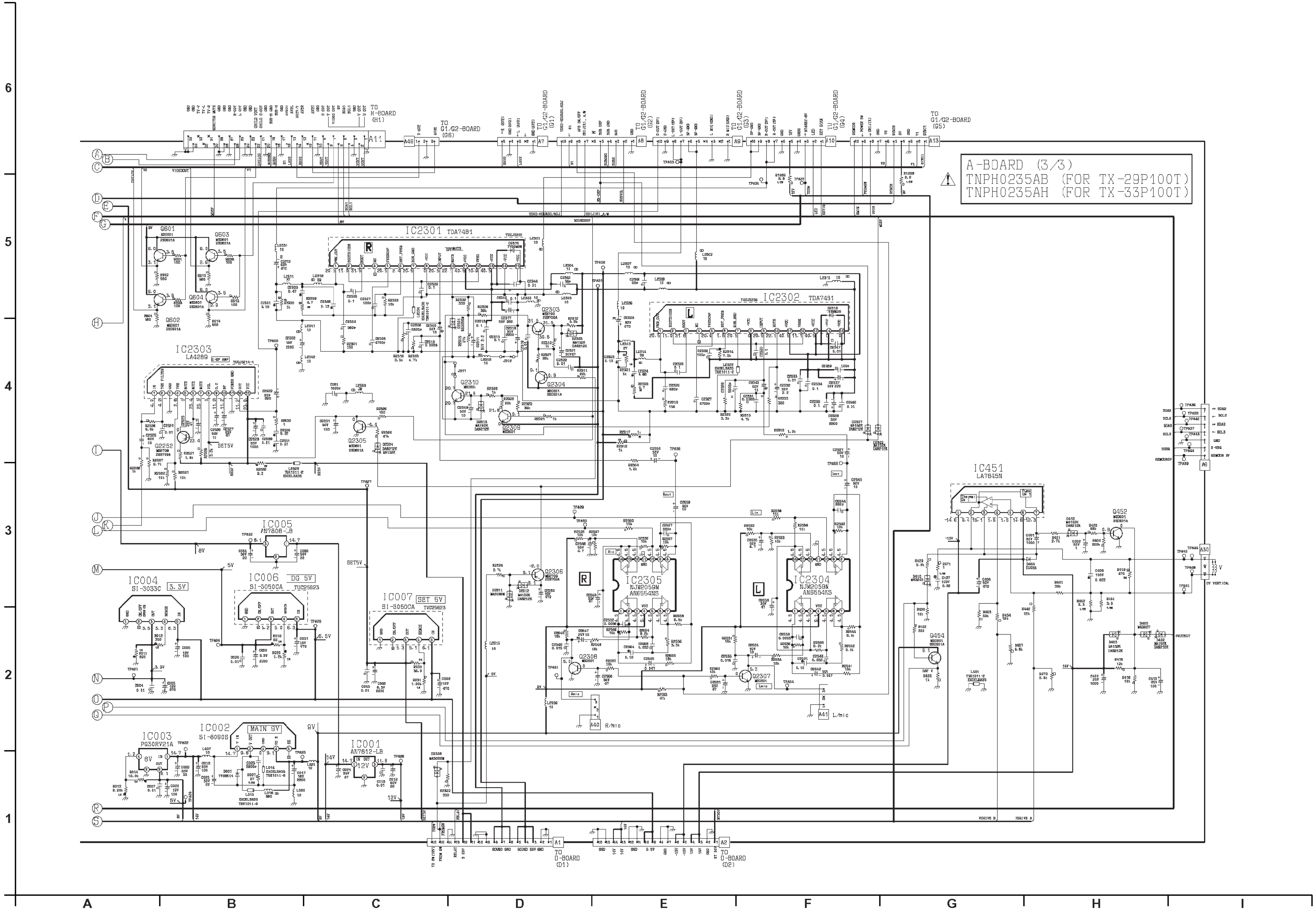
TO A-BOARD (A3)
TO A-BOARD (A2)
TO X-BOARD (X1)
TO X-BOARD (X2)
TO X-BOARD (X3)
TO DY
TO CRT ANODE
TO VF1
TO S2
TO VF2
TO DAF
T501
T551
Q502
Q503
Q504
Q505
Q506
Q806
Q807
IC804
SP140N
PROTECTOR
220V
140V
14V
1
2
3
4
5
6
A
B
C
D
E
F
G
H
I


A-BOARD (1/3) TNPH0235AB (FOR TX-29P100T)
TNPH0235AH (FOR TX-33P100T)
IC4001
TC4053BF
IC4002
TC4053BF
IC4003
M52346SP
IC4006
MM74HC00SJ
SN74HC00NS
NAND
Q4003
Q4004
IC2401
BH3866AS
Sound Control
Q2402
Q2404
Q2405
Q2406
Q1114
IC3501
M52055FP-E2
TO T-BOARD (T1)
TO T-BOARD (T2)
TO Z1/Z2-BOARD (Z1)
TO P1-BOARD (P4)
A
B
C
D
E
F
G
H
I
J
K
L
M
N
1
2
3
4
5
6

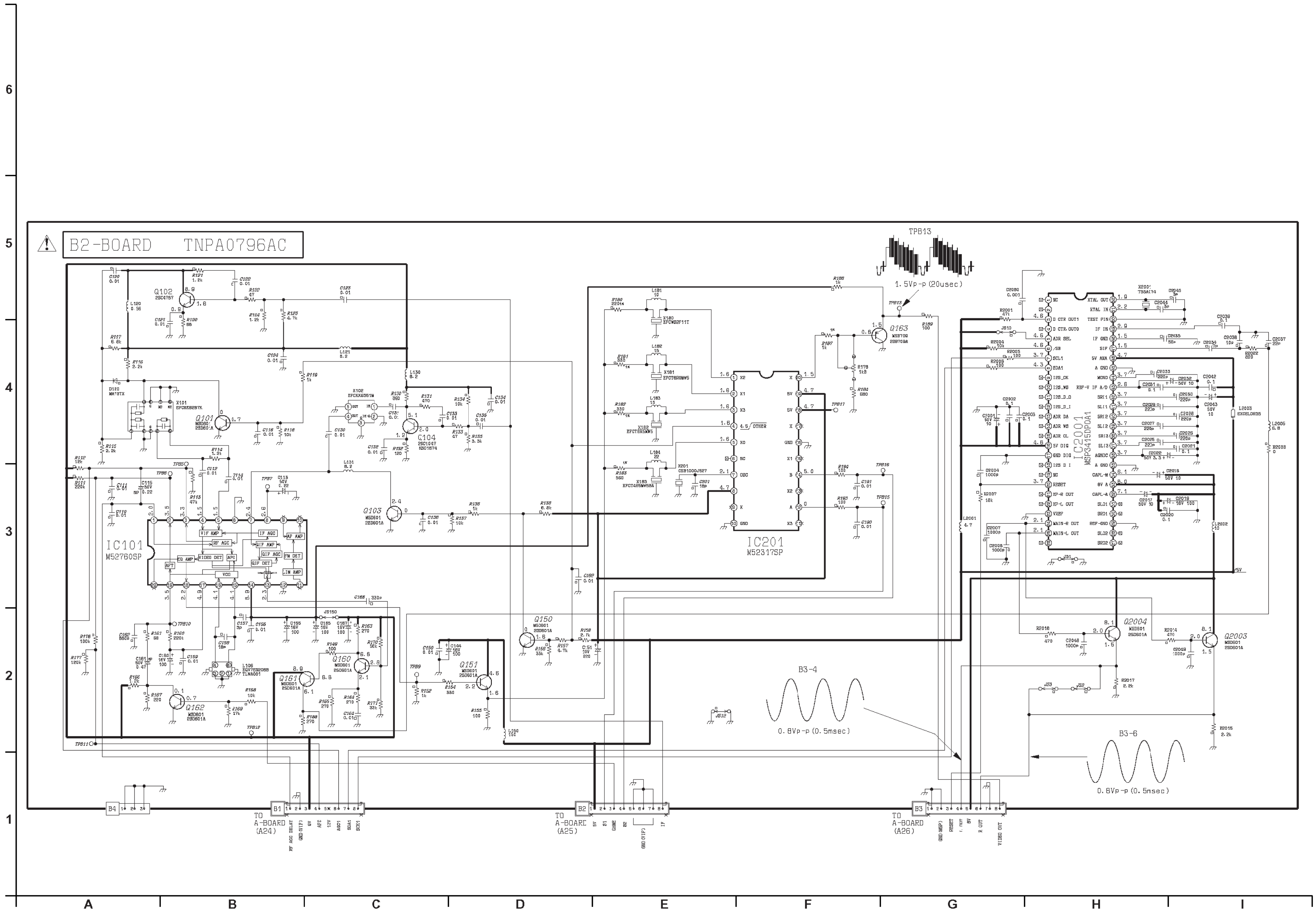
Плата D / Плата A


IC1101
MN102L35GTL1
MPU
IC1102
TVRJ214
S-24C08ADP
24LC16BIPA24
1ST
I²C EEPROM
IC1106
MC14066BFEL
IC1105
S-80843ALY-Z
IC1104
AN78M05-LB
IC053
AN7809-LB
IC052
SI-3050CA
IC1001
CXA1315M
Q1101
Q1102
Q1104
Q1105
Q453
Q501
Q306
Q001
Q605
① TPA13
3.9Vp-p (10usec)
② TPA14
3.5Vp-p (10usec)
③ TPA15
3.9Vp-p (10usec)
④ A44-4B
0.9Vp-p (20usec)
⑤ A44-4B
5.2Vp-p (10usec)
CVBS
LPF
TO
F-BOARD
(H2)
A12
TO
L-BOARD
(L1)
A15
TO
L-BOARD
(L4)
A4
TO
DG-BOARD
(DG1)
A44
TO
B2-BOARD
(B3)
A26
TO
B2-BOARD
(B2)
A25
TO
B2-BOARD
(B1)
A24
TO
D-BOARD
(D3)
A3
SUB-9V
SUB-5V
5V (TNR)
16V (SUB)
6.5V
TX-33P100T
ONLY
1
2
3
4
5
6
A
B
C
D
E
F
G
H
I

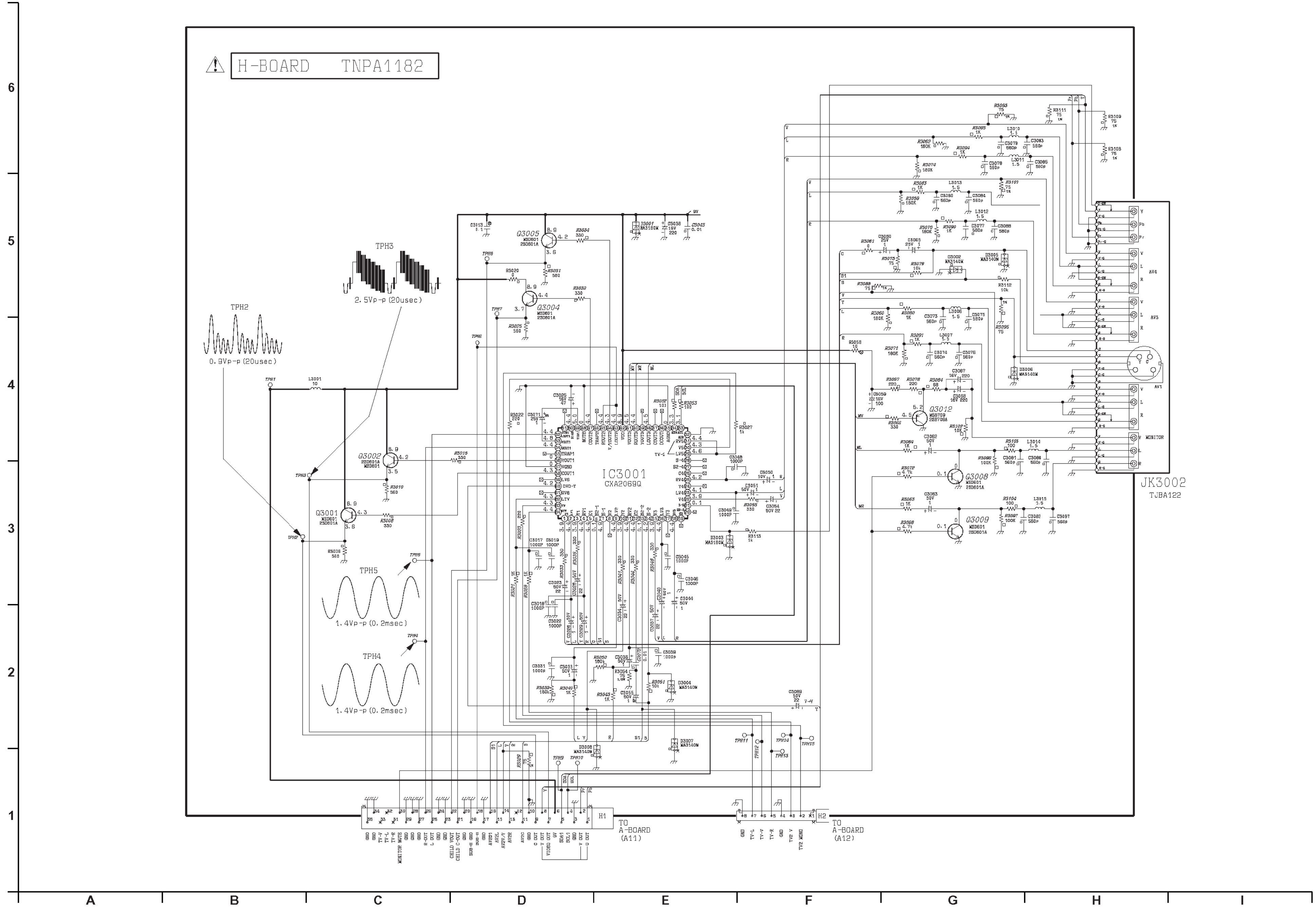
A-BOARD (2/3)
⚠ TNPH0235AB (FOR TX-29P100T)
TNPH0235AH (FOR TX-33P100T)


A-BOARD (3/3)
TNPH0235AB (FOR TX-29P100T)
TNPH0235AH (FOR TX-33P100T)
IC2301 TDA7481
IC2302 TDA7481
IC2303 LA4289
IC2304 NJM2059M AN6554NS
IC2305 NJM2059M AN6554NS
IC451 LA7845N
IC001 AN7812-LB
IC002 SI-8090S
IC003 PQ30RV21A
IC004 SI-3033C
IC005 AN7808-LB
IC006 SI-3050CA
IC007 SI-3050CA
MAIN 9V
DG 5V
SET 5V
3.3V
Q601
Q602
Q603
Q604
Q452
Q454
Q2305
Q2306
Q2307
Q2308
Q2309
Q2310
Q2303
Q2304
TO H-BOARD (H1)
TO G1/G2-BOARD (G6)
TO G1/G2-BOARD (G1)
TO G1/G2-BOARD (G2)
TO G1/G2-BOARD (G3)
TO G1/G2-BOARD (G4)
TO G1/G2-BOARD (G5)
TO D-BOARD (D1)
TO D-BOARD (D2)
A11
A46
A7
A8
A9
A10
A13
A6
A30
A1
A2
A40
A41
R/mic
L/mic
R
L
A
B
C
D
E
F
G
H
I
J
K
M
N
O
P
Q
R
S
1
2
3
4
5
6

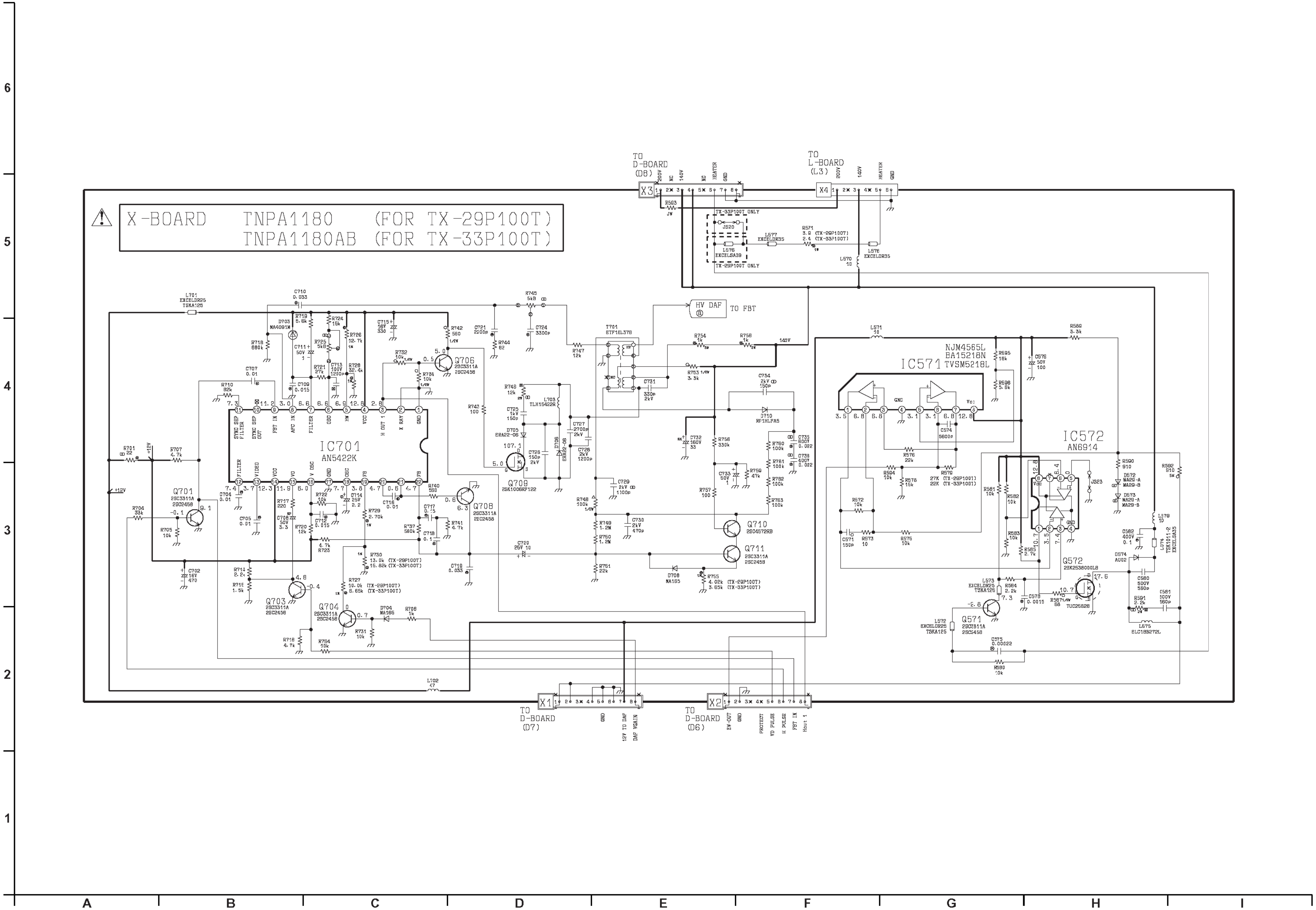
Плата А / Плата А



B2-BOARD TNPA0796AC
IC101
M52760SP
IC201
M52317SP
IC2001
MSP3415DP0A1
Q101
Q102
Q103
C104
Q150
Q151
Q160
Q161
Q162
Q163
Q2003
Q2004
TPB13
1.5Vp-p (20usec)
B3-4
0.8Vp-p (0.5msec)
B3-6
0.8Vp-p (0.5msec)
TO A-BOARD (A24)
TO A-BOARD (A25)
TO A-BOARD (A26)
B1
B2
B3
B4
RF AGC DELAY
GND (VIF)
9V
AFC
12V
ADC1
SDA1
SCL1
5V
S1
GAME
S2
GND (VIF)
IF
GND (MSP)
RESET
L OUT
8V
R OUT
VIDEO OUT
A
B
C
D
E
F
G
H
I
1
2
3
4
5
6


H-BOARD TNPA1182
IC3001
CXA2069Q
JK3002
TJBA122
Q3001
Q3002
Q3004
Q3005
Q3008
Q3009
Q3012
TPH2
0.9Vp-p (20usec)
TPH3
2.5Vp-p (20usec)
TPH5
1.4Vp-p (0.2msec)
TPH4
1.4Vp-p (0.2msec)
AV4
AV3
AV1
MONITOR
H1
TO A-BOARD (A11)
H2
TO A-BOARD (A12)
9V
A
B
C
D
E
F
G
H
I
1
2
3
4
5
6

Плата B2 / Плата H


X-BOARD TNPA1180 (FOR TX-29P100T)
TNPA1180AB (FOR TX-33P100T)
TO D-BOARD (D8)
X3
200V
NC
140V
NC
HEATER
GND
TO L-BOARD (L3)
X4
200V
140V
HEATER
GND
R593 JW
TX-33P100T ONLY
JS20
L576 EXCELSA39
TX-29P100T ONLY
L577 EXCELDR35
R571 3.9 (TX-29P100T) 2.4 (TX-33P100T)
L570 10
L578 EXCELDR35
HV DAF ⓐ
TO FBT
T701 ETF1EL378
HV
R745 5kB
C721 2200p
R744 82
C724 3300p
R747 12k
R754 1k
R758 1k
140V
R753 3.3k
C731 330p 2kV
C734 2kV 150p
D710 RF1HLFA5
C732 160V 33
R756 330k
C733 50V 1
R759 47k
R757 100
R760 100k
R761 100k
R762 100k
R763 100k
C735 800V 0.022
C736 400V 0.022
Q710 2SC4572RB
Q711 2SC3311A 2SC2458
D708 MA165
R755 4.02k (TX-29P100T) 3.65k (TX-33P100T)
R748 100k
R749 1.2M
R750 1.2M
R751 22k
C729 2kV 1100p
C730 2kV 470p
C720 25V 10
C719 0.033
R746 12k
L703 TLH15422R
C725 1kV 150p
D705 ERA22-06
D706 ERA22-06
C726 150p 2kV
C727 2700p 2kV
C728 2kV 1200p
Q709 2SK1006RF122
107.1
5.0
R743 100
L701 EXCELDR25 TSKA125
C710 0.033
D703 MA4091M
R719 5.6k
R724 15k
R725 5k8
R726 12.7k
R728 32.4k
C711 50V 1
R721 27k
C713 100V 1200p
C709 0.015
C715 16V 330
R718 680k
C707 0.01
R710 82k
R742 560
R732 10k
R734 10k
Q706 2SC3311A 2SC2458
IC701
AN5422K
SYNC SEP FILTER
SYNC SEP OUT
FBT IN
AFC IN
FILTER
OSC
HW
VCC
H OUT 1
X RAY
GND
FILTER
VIDEO
VCC
VD
V OSC
GND
OSC
FB
FB
7.3
11.2
3.0
6.6
6.6
6.9
12.8
2.8
7.4
3.7
12.3
11.9
6.0
7.7
3.8
4.7
0.6
4.7
R701 22
+12V
R707 4.7k
+12V
Q701 2SC3311A 2SC2458
9.1
-0.1
R704 33k
R705 10k
C702 16V 470
C704 0.01
C705 0.01
R717 220
C708 50V 3.3
R722 10k
C712 0.015
R720 12k
R723 4.7k
C714 25V 2.2
R729 2.70k
C716 0.01
R740 560
Q708 2SC3311A 2SC2458
0.6
6.3
C717 0.15
R737 560k
C718 0.1
R741 4.7k
R730 13.0k (TX-29P100T) 15.82k (TX-33P100T)
R727 10.0k (TX-29P100T) 6.65k (TX-33P100T)
R714 2.2k
R715 1.5k
Q703 2SC3311A 2SC2458
4.8
-0.4
Q704 2SC3311A 2SC2458
0.7
D704 MA165
R708 1k
R731 10k
R716 4.7k
R764 10k
L702 47
TO D-BOARD (D7)
X1
GND
12V TO DAF
DAF VGAIN
TO D-BOARD (D6)
X2
EW-OUT
GND
PROTECT
VD PULSE
H PULSE
FBT IN
Hout 1
L571 10
IC571
NJM4565L
BA15218N
TVSM5218L
GND
Vcc
3.5
6.8
6.8
3.1
3.1
6.8
12.8
C574 5600p
R595 18k
R596 5.6k
C576 50V 100
R589 3.3k
R576 22k
R594 10k
R578 15k
R579 27K (TX-29P100T) 22K (TX-33P100T)
R572 10k
C571 150p
R573 10
R575 10k
IC572
AN6914
Vcc
GND
12.8
6.4
0
10.7
3.5
7.4
JS23
R581 10k
R582 10k
R583 10k
R585 2.7k
R590 910
D572 MA29-A MA29-B
D573 MA29-A MA29-B
R592 910
L579 10
C582 400V 0.1
L574 TSK1011-2 EXCELSA35
D574 AU02
Q572 2SK2538000LB
17.6
10.7
C580 500V 560p
C581 500V 560p
R591 2.2k
L575 ELC18B272L
L573 EXCELDR25 TSKA125
R584 2.2k
7.3
C578 0.0015
R587 68
TUC2562B
Q571 2SC3311A 2SC2458
-2.8
L572 EXCELDR25 TSKA125
C575 0.00022
R580 10k
A
B
C
D
E
F
G
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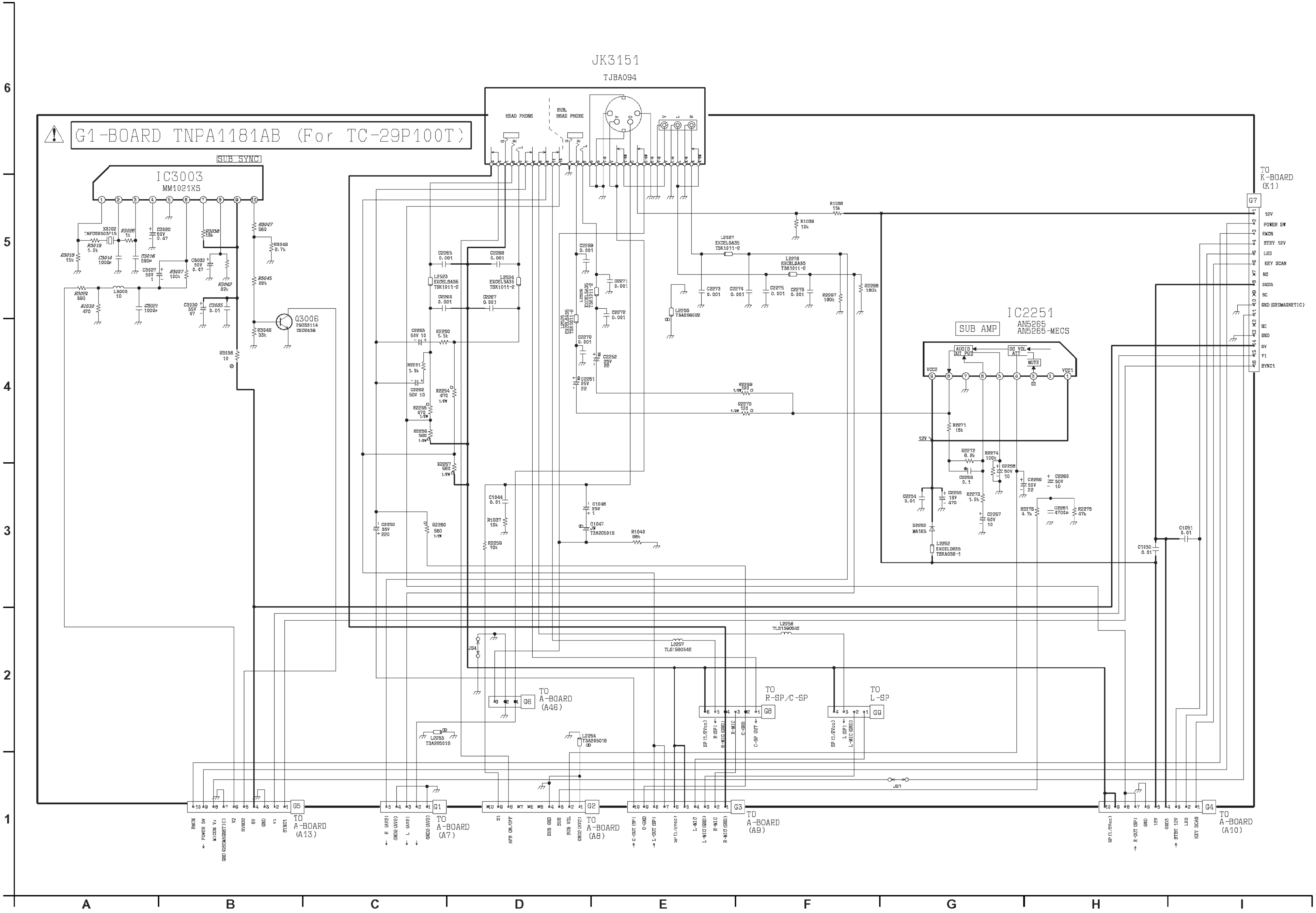
G1-BOARD TNPA1181AB (For TC-29P100T)
JK3151
TJBA094
HEAD PHONE
SUB. HEAD PHONE
IC3003
MM1021XS
SUB SYNC
Q3006
2SC3311A
2SC2458
IC2251
AN5265
AN5265-MECS
SUB AMP
AUDIO OUT PUT
DC VOL ATT
MUTE
VCC1
VCC2
TO K-BOARD (K1)
G7
12V
POWER SW
RMCN
STBY 12V
LED
KEY SCAN
NC
GNDS
NC
GND (GEOMAGNETIC)
NC
GND
9V
V1
SYNC1
TO A-BOARD (A13)
G5
RMCN
POWER SW
MICON V2
GND (GEOMAGNETIC)
V2
SYNC2
9V
GND
V1
SYNC1
TO A-BOARD (A7)
G1
R (AV2)
GND2 (AV2)
L (AV2)
GND2 (AV2)
TO A-BOARD (A8)
G2
S1
AFB ON/OFF
SUB GND
SUB
SUB VOL
GND2 (AV2)
TO A-BOARD (A9)
G3
C-OUT (SP)
O-GND
L-OUT (SP)
SP (1/2Vcc)
L-MIC
L-MIC (GND)
R-MIC
R-MIC (GND)
TO A-BOARD (A10)
G4
SP (1/2Vcc)
R-OUT (SP)
GND
12V
GNDS
STBY 12V
LED
KEY SCAN
TO A-BOARD (A46)
G6
TO R-SP/C-SP
G8
SP (1/2Vcc)
R (SP)
R-MIC (GND)
R-MIC
C-GND
C-SP OUT
TO L-SP
G9
SP (1/2Vcc)
L (SP)
L-MIC (GND)
JS4
JS7
12V
R1038 15k
R1039 10k
L2527 EXCELSA35 TSK1011-2
L2278 EXCELSA35 TSK1011-2
C2273 0.001
C2274 0.001
C2275 0.001
C2276 0.001
R2287 180k
R2288 180k
L2255 TSA206022
C2265 0.001
C2266 0.001
L2523 EXCELSA35 TSK1011-2
L2524 EXCELSA35 TSK1011-2
C2268 0.001
C2267 0.001
C2269 0.001
C2271 0.001
C2272 0.001
C2270 0.001
C2252 25V 22
C2251 25V 22
R2269 120 1/2W
R2270 120 1/2W
C2253 50V 10
R2250 1.5k
R2251 1.5k
C2262 50V 10
R2254 470 1/2W
R2255 470 1/2W
R2256 560 1/2W
R2257 560 1/2W
C2250 35V 220
R2260 560 1/2W
C1044 0.01
R1037 10k
R2259 10k
C1048 25V 1
C1047 TSA205016
R1040 68k
L2258 TLS150054E
L2257 TLS150054E
L2253 TSA205016
L2254 TSA205016
R2271 15k
R2272 8.2k
R2274 100k
C2258 50V 10
C2256 0.1
C2259 50V 22
C2260 50V 10
C2254 0.01
C2255 16V 470
R2273 1.2k
C2257 50V 10
D2252 MA165
L2252 EXCELDR35 TSKA038-1
R2276 4.7k
C2261 4700p
R2275 47k
C1050 0.01
C1051 0.01
X3102 TAFDS8503F15
R3026 1k
C3020 50V 0.47
R3036 18k
R3047 560
R3049 2.7k
R3019 1.2k
C3014 1000p
C3016 560p
R3016 15k
C3027 50V 1
R3037 100k
C3032 50V 0.47
R3042 82k
R3045 22k
R3024 390
R3030 470
L3005 10
C3021 1000p
C3030 35V 47
C3035 0.01
R3046 33k
R3038 10
A
B
C
D
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F
G
H
I
1
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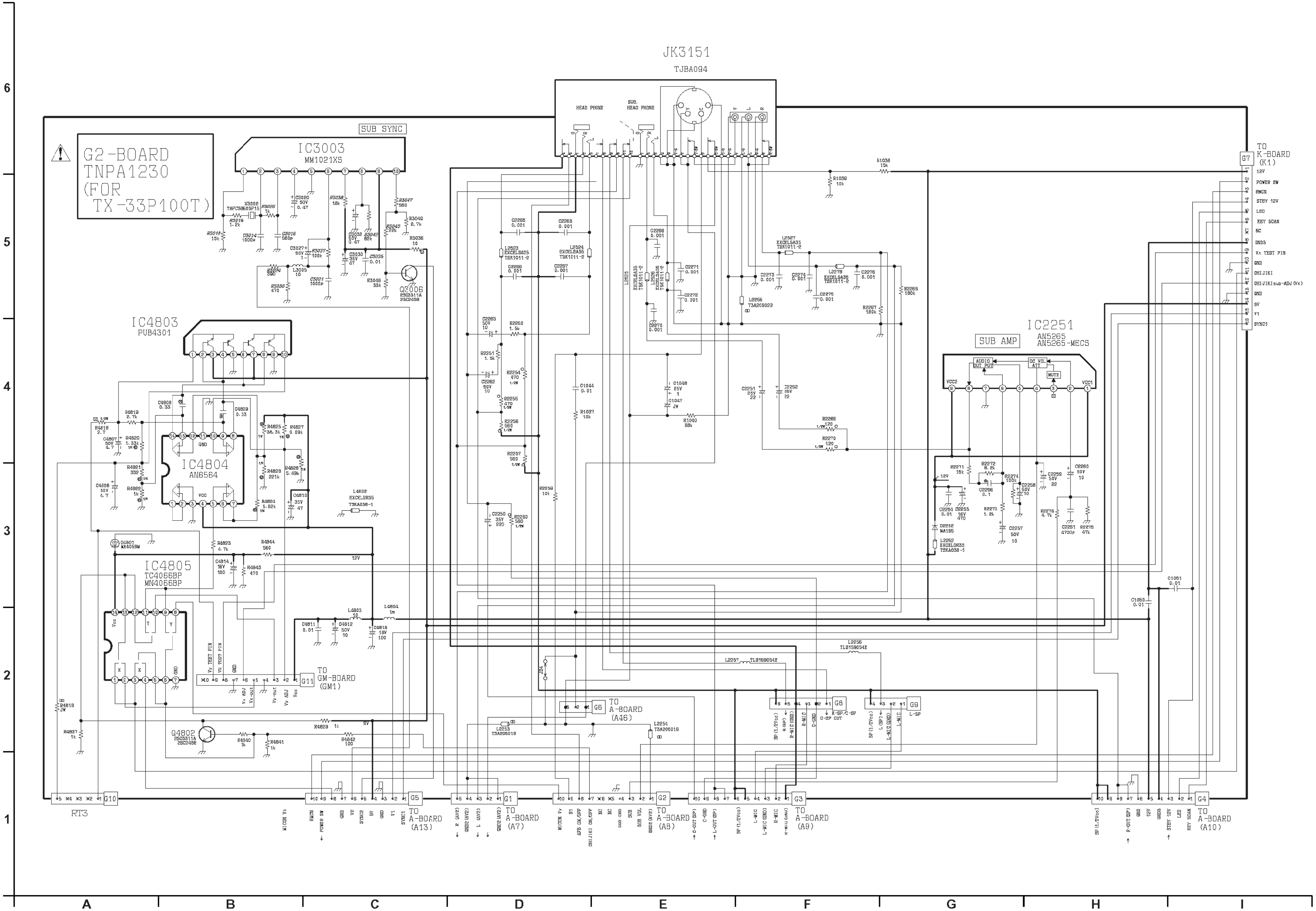
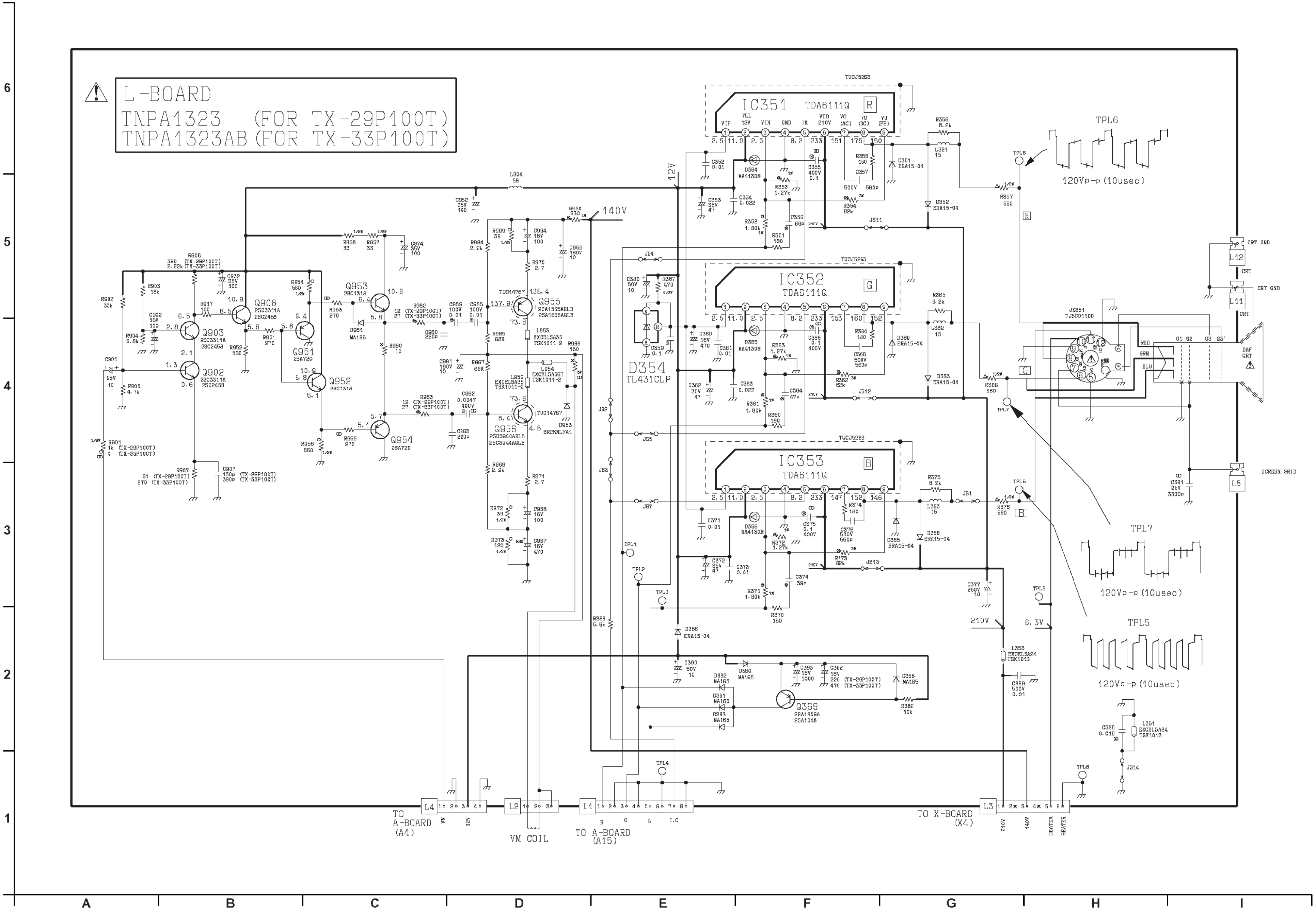
6

Плата X / Плата G1


G2-BOARD
TNPA1230
(FOR
TX-33P100T)
SUB SYNC
IC3003
MM1021XS
Q3006
2SC3311A
2SC2458
IC4803
PUB4301
IC4804
AN6564
IC4805
TC4066BP
MN4066BP
Q4802
2SC3311A
2SC2458
JK3151
TJBA094
HEAD PHONE
SUB. HEAD PHONE
SUB AMP
IC2251
AN5265
AN5265-MECS
AUDIO OUT PUT
DC VOL ATT
MUTE
VCC1
VCC2
L4802
EXCELDR35
TSKA038-1
L2256
TLS159054E
L2257
TLS159054E
J34
TO K-BOARD (K1)
G7
12V
POWER SW
RMCN
STBY 12V
LED
KEY SCAN
NC
GND5
Vx TEST PIN
GND
CHIJIKI
CHIJIKI(sub-ADJ(Vx)
GND
9V
V1
SYNC1
TO GM-BOARD (GM1)
G11
Vx TEST PIN
Vx TEST PIN
GND
Vx ADJ
Vx-out
Vy-out
Vy ADJ
Vcc
TO A-BOARD (A46)
G6
G8
R-SP/C-SP
C-SP OUT
G9
L-SP
G10
RT3
G5
TO A-BOARD (A13)
MICON Vx
RMCN
POWER SW
GND
V2
SYNC2
9V
GND
V1
SYNC1
G1
TO A-BOARD (A7)
R (AV2)
GND2 (AV2)
L (AV2)
GND2 (AV2)
G2
TO A-BOARD (A8)
MICON Vx
S1
AFB ON/OFF
CHIJIKI ON/OFF
NC
NC
S00 GND
SUB
SUB VOL
GND2 (AV2)
G3
TO A-BOARD (A9)
C-OUT(SP)
C-GND
L-OUT(SP)
SP (1/2Vcc)
L-MIC
L-MIC(GND)
R-MIC
R-MIC(GND)
G4
TO A-BOARD (A10)
SP (1/2Vcc)
R-OUT(SP)
GND
12V
GND3
STBY 12V
LED
KEY SCAN
A
B
C
D
E
F
G
H
I
1
2
3
4
5
6


L-BOARD
TNPA1323 (FOR TX-29P100T)
TNPA1323AB (FOR TX-33P100T)
IC351 TDA6111Q R
IC352 TDA6111Q G
IC353 TDA6111Q B
D354 TL431CLP
Q369 2SA1309A 2SA1046
Q902
Q903
Q908
Q951
Q952
Q953
Q954
Q955
Q956
TPL6 120Vp-p (10usec)
TPL7 120Vp-p (10usec)
TPL5 120Vp-p (10usec)
JK351 TJC501100
DAF CRT
CRT GND
SCREEN GRID
12V
140V
210V
6.3V
TO A-BOARD (A4)
VM COIL
TO A-BOARD (A15)
TO X-BOARD (X4)
L1
L2
L3
L4
L5
L11
L12
A
B
C
D
E
F
G
H
I
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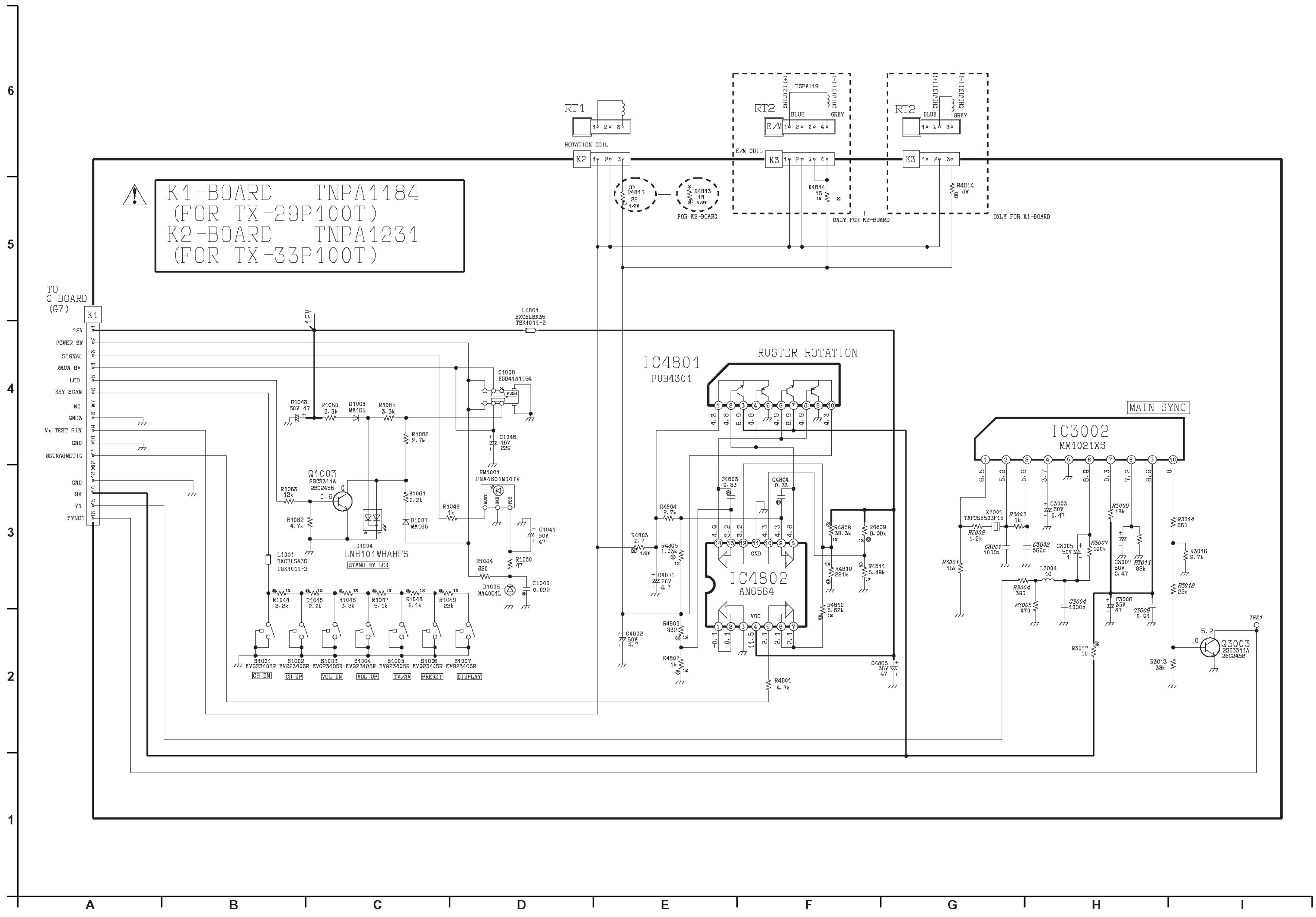
3
4
5
6

Плата G2 / Плата L


K1-BOARD TNPA1184
(FOR TX-29P100T)
K2-BOARD TNPA1231
(FOR TX-33P100T)
TO G-BOARD (G7)
K1
12V
POWER SW
SIGNAL
RMCN BY
LED
KEY SCAN
NC
GND3
Vx TEST PIN
GND
GEOMAGNETIC
GND
9V
V1
SYNC1
RT1
ROTATION COIL
K2
R4813 22 1/2W
R4813 18 1/2W
FOR K2-BOARD
RT2
TSPA119
CHIJIKI (+)
CHIJIKI (-)
BLUE
GREY
E/M
E/M COIL
K3
R4814 15 1W
ONLY FOR K2-BOARD
R4814 JW
ONLY FOR K1-BOARD
L4801 EXCELSA35 TSK1011-2
12V
C1043 50V 47
R1080 3.3k
D1006 MA165
R1085 3.3k
S1008 ESB41A1154
PUSH
R1086 2.7k
C1046 16V 220
Q1003 2SC3311A 2SC2458
R1083 12k
R1082 4.7k
R1081 2.2k
D1007 MA165
R1042 1k
RM1001 PNA4601M04TV
C1041 50V 47
D1004 LNH101WHAHFS
STAND BY LED
R1084 820
R1050 47
D1005 MA4051L
C1040 0.022
L1001 EXCELSA35 TSK1011-2
R1044 2.2k
R1045 2.2k
R1046 3.3k
R1047 5.1k
R1048 5.1k
R1049 22k
S1001 EVQ23405R
S1002 EVQ23405R
S1003 EVQ23405R
S1004 EVQ23405R
S1005 EVQ23405R
S1006 EVQ23405R
S1007 EVQ23405R
CH DN
CH UP
VOL DN
VOL UP
TV/AV
PRESET
DISPLAY
IC4801
PUB4301
RUSTER ROTATION
IC4802
AN6564
GND
VCC
C4803 0.33
C4801 0.33
R4804 2.7k
R4803 2.7
R4805 1.33k
C4801 50V 4.7
C4802 50V 4.7
R4806 332
R4807 1k
R4808 38.3k
R4809 9.09k
R4810 221k
R4811 5.49k
R4812 5.62k
R4801 4.7k
C4805 35V 47
MAIN SYNC
IC3002
MM1021XS
X3001 TAFCSB503F15
R3002 1.2k
R3003 1k
R3001 15k
C3001 1000p
C3002 560p
C3003 50V 0.47
C3005 50V 1
R3007 100k
R3009 18k
C3007 50V 0.47
R3011 82k
R3004 390
R3005 470
L3004 10
C3004 1000p
C3006 35V 47
C3009 0.01
R3017 10
R3014 560
R3016 2.7k
R3012 22k
R3013 33k
Q3003 2SC3311A 2SC2458
TPK1
A
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C
D
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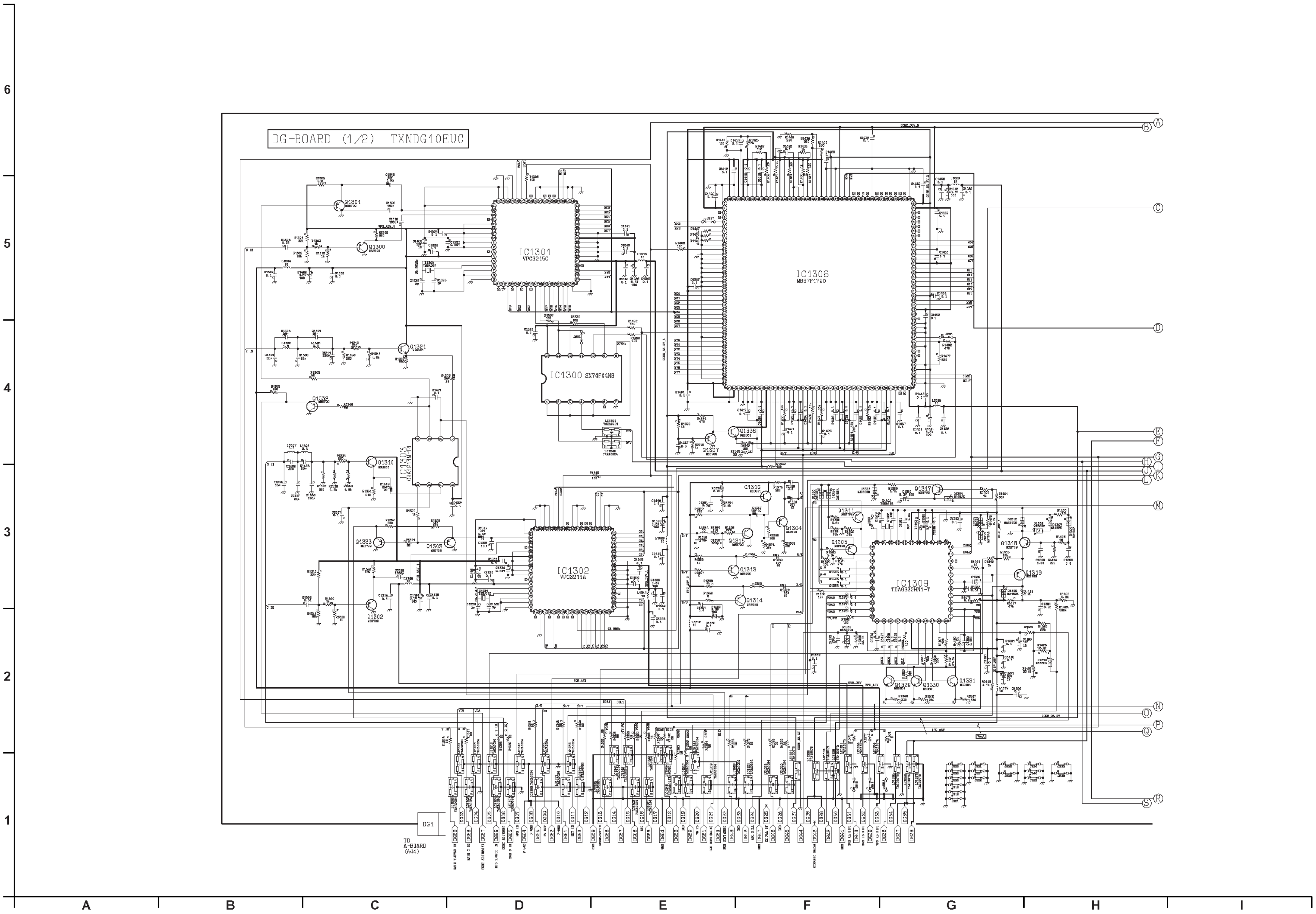
DG-BOARD (1/2) TXNDG10EUC
IC1301
VPC3215C
IC1306
MB87F1720
IC1300 SN74F04NS
IC1303
IC1302
VPC3211A
IC1309
TDA6332HN1-T
Q1301
Q1300
Q1321
Q1332
Q1310
Q1333
Q1303
Q1302
Q1336
Q1337
Q1316
Q1304
Q1315
Q1313
Q1314
Q1317
Q1311
Q1305
Q1318
Q1319
Q1329
Q1330
Q1331
DG1
TO A-BOARD (A44)
A
B
C
D
E
F
G
H
I
1
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3
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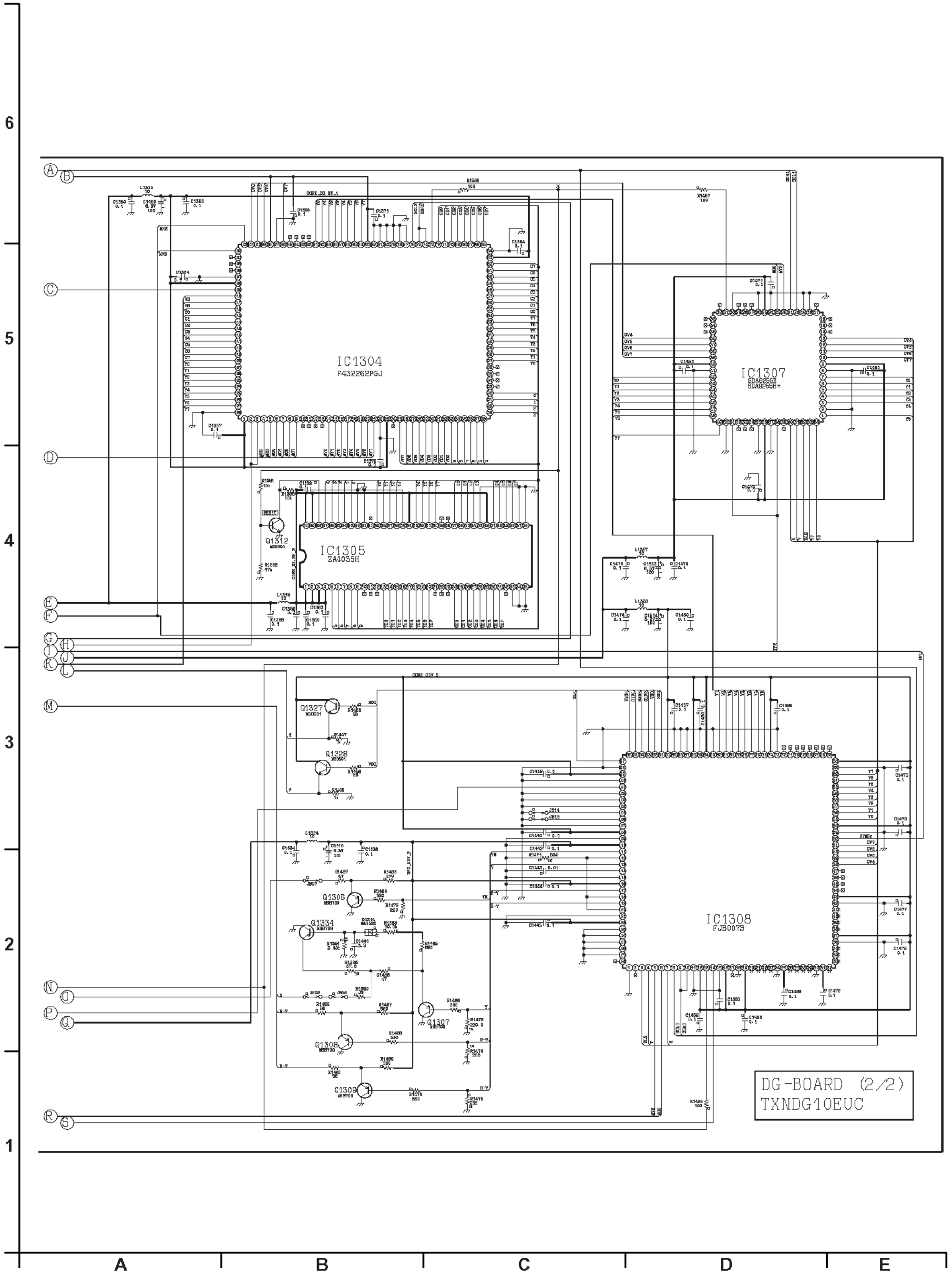
6

Плата K1/K2 / Плата DG

ДЛЯ ЗАМЕТОК


IC1304
F432262PGJ
IC1305
ZA4035H
IC1307
SDA9255E
SDA9255E+
IC1308
FJB0079
Q1312
Q1327
Q1328
Q1346
Q1334
Q1308
Q1307
Q1309
DG-BOARD (2/2)
TXNDG10EUC
A
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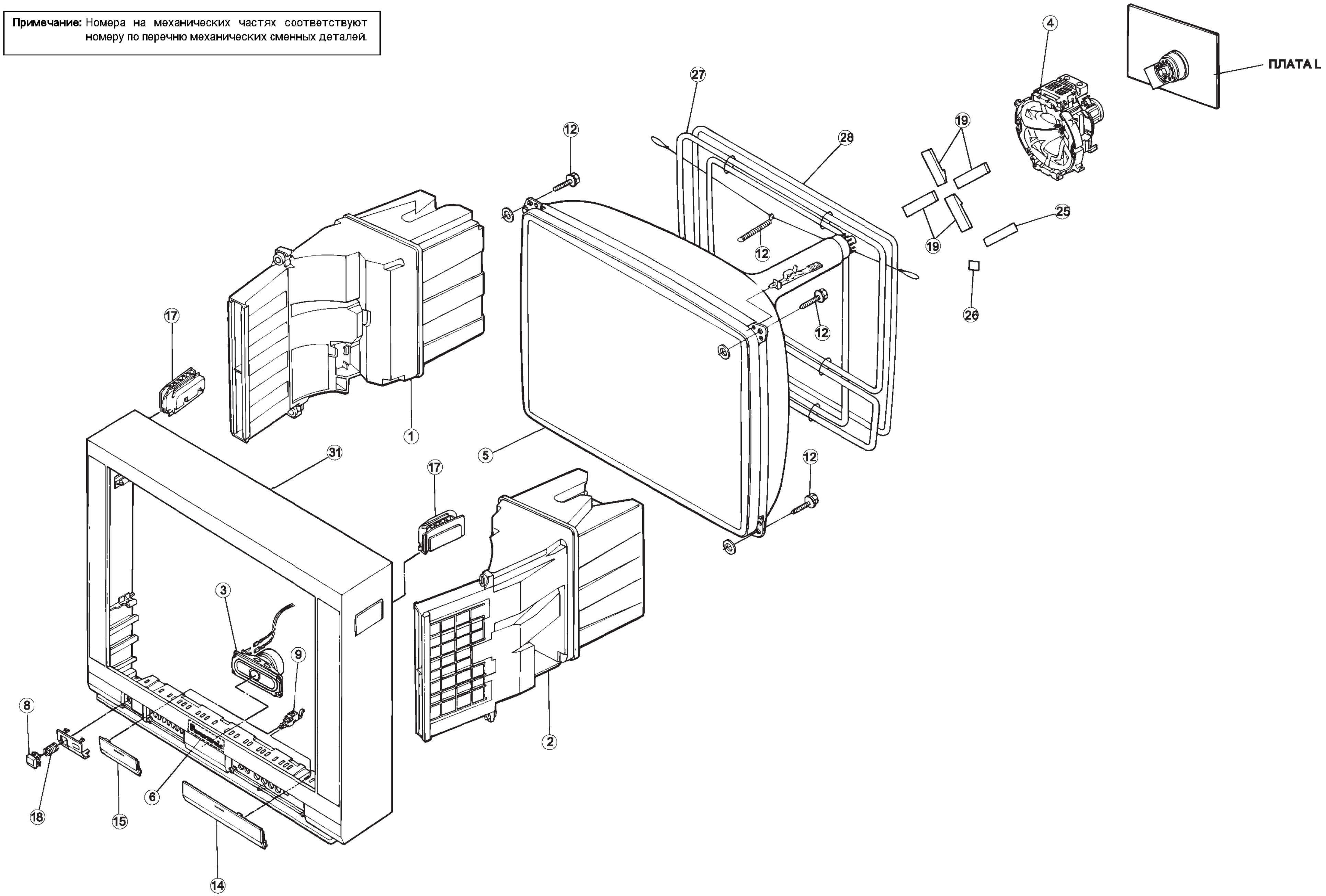
Местоположение деталей и перечень механических сменных деталей

Примечание: Номера на механических частях соответствуют номеру по перечню механических сменных деталей.



ПЛАТА L
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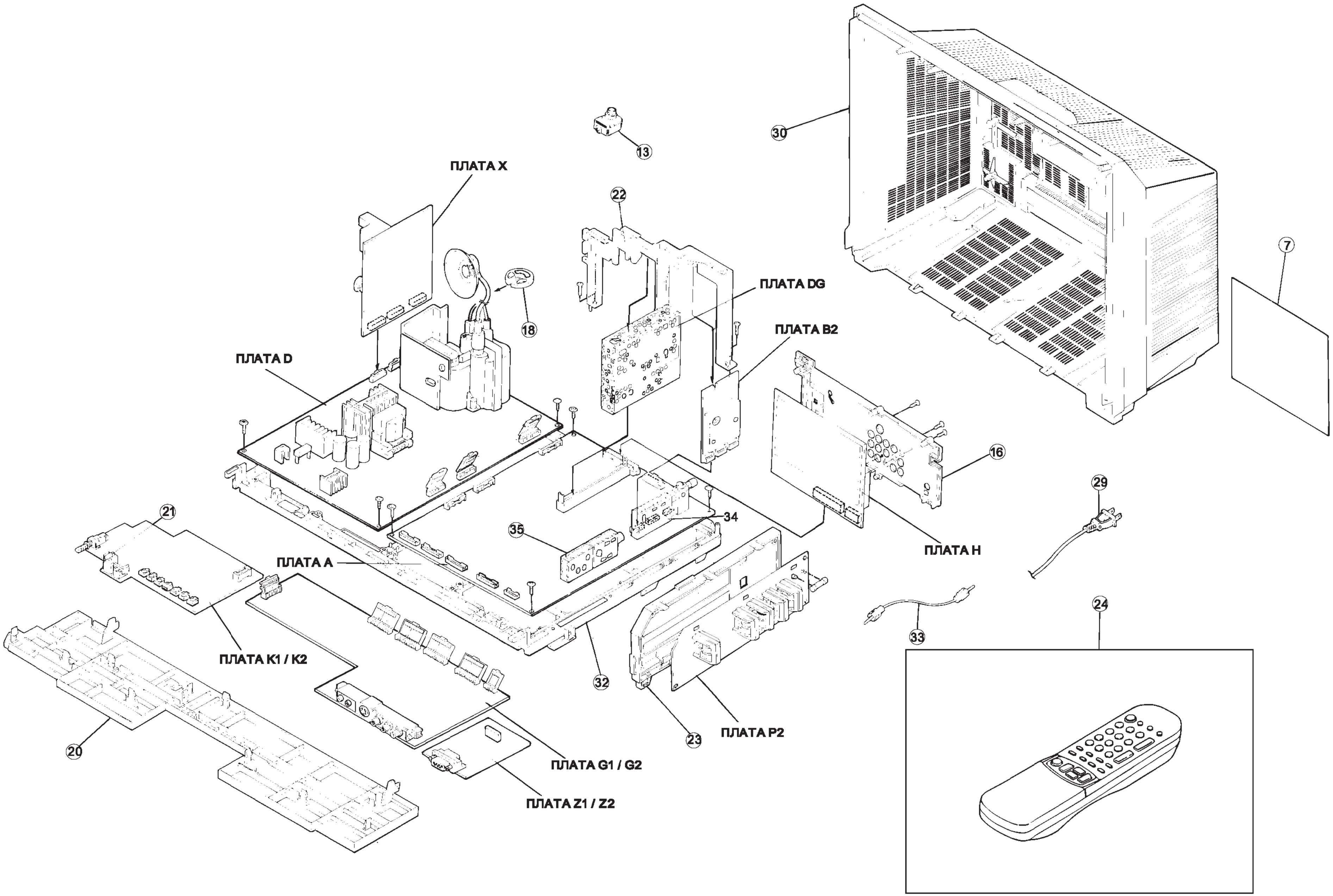
ПЛАТА X
ПЛАТА DG
ПЛАТА B2
ПЛАТА D
ПЛАТА H
ПЛАТА A
ПЛАТА K1 / K2
ПЛАТА P2
ПЛАТА G1 / G2
ПЛАТА Z1 / Z2

Список сменных деталей

Замечание, важное для обеспечения безопасности

Компоненты, отмеченные знаком △, имеют специфическими характеристики в плане безопасности.
При замене любого из них необходимо использовать только предписанные части, произведенные изготовителем.

RTL (продолжительность производства ограничена)

Примечание: обозначение (RTL) указывает на, что продолжительность производства детали ограничено.)

После прекращения производства того или иного блока деталь в течение определенного периода времени по-прежнему будет предоставляться. Этот период зависит от типа блока и правил продолжительности производства изделий и деталей.

Сокращение наименования детали и ее описания

1. Резистор

Пример:

ERD25TJ104 C 100KOHM, J, 1/4W

тип допуск

Тип	Допуск
C : Углеродный F : Резистор-предохранитель M : Металлооксидный Металлопленочный S : Интегральной схемы W : Проволочный	F : ±1% G : ±2% J : ±5% K : ±10% M : ±20%

2. Конденсатор

Пример:

ECKF1H103ZF C 0.01UF, Z, 50V

тип допуск

Тип	Допуск
C : Керамический E : Оксидный P : Полиэфирный Полипропиленовый T : Танталовый	C : ±0.25pF D : ±0.5pF F : ±1pF G : ±3pF J : ±5pF K : ±10pF L : ±15pF M : ±20pF P : +100%, -0% Z : +80%, -20%

Ref. No	Part No.	Description
	MECHANICAL PARTS	
1	EAB10106AL	DOME SPEAKER (LEFT)
2	EAB10106AR	DOME SPEAKER (RIGHT)
3	EASG12D123L2	SPEAKER
△ 4	KDY4UH948F	DEFLECTION YOKE (for TX-29P100T)
△ 4	KDY4VH949F	DEFLECTION YOKE (for TX-33P100T)
	ETCMBGC49-8	STOPPER (for TX-29P100T)
	MBGC021SA	STOPPER (for TX-33P100T)
△ 5	M68LQL185X	PICTURE TUBE (for TX-29P100T)
△ 5	M79LQM185X	PICTURE TUBE (for TX-33P100T)
	TBLG3019	CUSHION RUBBER (FRONT)
	TBLG3020	CUSHION RUBBER (REAR)
6	TBMA067	PANASONIC BADGE
△ 7	TBMD395	MODEL NAME PLATE (for TX-29P100T)
△ 7	TBMD429	MODEL NAME PLATE (for TX-33P100T)
8	TBXA20001	POWER BUTTON
9	TEK6940	DOOR SWITCH
10	TESA031	SPRING
11	TES1603	COIL SPRING
	TES2249	SPRING
	TES6583	SPRING FOR TR
	THTA006Z	SCREW
12	THT1062	SCREW
13	TJB1726400	ADAPTOR (75 OHM)
14	TKPA28402	TERMINAL DOOR
15	TKPA28502	CONTROL DOOR
16	TKPA29501	RAER TERMINAL FRAME
17	TKRA14102	HANDLE
	TMK15943	INSULATOR
	TMME015	CLAMPER
	TMME055	CLAMPER
	TMMJ031	CUSHION (RUBBER)
18	TMM15404-1	SPACER RING
	TMM16452	CLAMPER
	TMM16480-1	CLAMPER
	TMM16978	CLAMPER
19	TMM27523	DY WEDGE
	TMM6428-1	CLAMPER
	TMM6496-1	CLAMPER
	TMM7464-2	CLAMPER
	TMM76416-1	CLAMPER
20	TMWA014-1	FRONT BRACKET (for TX-29P100T)
20	TMWA015	FRONT BRACKET (for TX-33P100T)
21	TMWJ012	LED HOLDER
22	TMXA025-2	PRINT BOARD STOPPER
23	TMXE015	BRACKET
	TMZX5009	SPACER (for TX-29T100P)
	TMZX5010	SPACER (for TX-33P100T)
24	TNQE159	TRANSMITTER
	TPCA67603	CARTON BOX (for TX-29P100T)
	TPCA68803	CARTON BOX (for TX-33P100T)
	TPDA0281-1	CUSION (UPPER) (for TX-29P100T)
	TPDA0282-2	CUSION (BOTTON) (for TX-29P100T)
	TPDA0283-1	CUSHION (UPPER) (for TX-33P100T)
	TPDA0284-1	CUSHION (BOTTOM) (for TX-33P100T)
	TPDJ0028-1	BOTTOM CUSHION(for TX-29P100T)
	TPDJ0040	BOTTOM CUSHION (for TX-33P100T)
	TPE114107-1	POLY BAG (for TX-29P100T)
	TPE114108-1	SET COVER (for TX-33P100T)
	TPE114123	COVER (for TX-29P100T)
	TPE114125	PROTECT COVER (for TX-33P100T)
	TQBC0114-2	INSTRUCTION BOOK
25	TSM10032-3	MAGNET
26	TSN63115-4	MAGNET
△ 27	TSPA099	DEGAUSSING COIL (for TX-29P100T)
△ 27	TSPA089	DEGAUSSING COIL (for TX-33P100T)
28	TSPF010-1	CORRECTION COIL
△ 29	TSX1489	AC POWER CORD
30	TTUA0240	REAR COVER (for TX-29P100T)
30	TTUA0257	REAR COVER (for TX-33P100T)
	TTXA0024	PRINT BOARD STOPPER (forTX33P100T)
31	TTYA0303-2	CABINET (for TX-29P100T)
31	TTYA0326-2	CABINET (for TX-33P100T)
32	TUAA02101E	CHASSIS GUIDE
33	TXAJS010EUC	TUNER CABLE
	XTB4+10A	SCREW
	XTB4+15A	SCREW
	XTB4+15AFZ	SCREW
	XTWT983G	SCREW
	XTW3+10T	SCREW
	XTW3+12T	SCREW
	XTW4+Z25D	SCREW
	XZBT6506	POLY BAG
△ 34	ENV59D54J6	TUNER (TNR001)
△ 35	ENG29503G	TUNER (TNR002)

Ref. No	Part No.	Description
	INTEGRATED CIRCUITS	
IC001	AN7812	LINEAR IC
IC002	SI-8090S	HYBRID IC
IC003	PQ30RV21A	LINEAR IC
IC004	SI-3033C	HYBRID IC
IC005	AN7808	LINEAR IC
IC006	SI-3050CA	HYBRID IC
IC007	SI-3050CA	HYBRID IC
IC052	SI-3050CA	HYBRID IC
IC053	AN7809	LINEAR IC
IC101	M52760SP	LINEAR IC
IC201	M52317SP	LINEAR IC
IC351	TDA6111Q	LINEAR IC
IC352	TDA6111Q	LINEAR IC
IC353	TDA6111Q	LINEAR IC
IC451	LA7845N	LINEAR IC
IC571	NJM4565L	LINEAR IC
IC572	AN6914	LINEAR IC
IC701	AN5422K	LINEAR IC
IC802	STRM6831AF04	LINEAR IC
IC803	MIP2810001TV	IC (ROGIC)
IC804	SE140N	LINEAR IC
IC1001	CXA1315M	LINEAR IC
IC1101	MN102L35GTL1	MOS IC (16BIT)
IC1102	TVRJ214	MOM IC (EEPROM)
IC1104	AN78M05	LINEAR IC
IC1105	S-80843ALY-Z	LINEAR IC
IC1106	MC14066BF	MOS IC (LOGIC)
IC1300	SN74F04NS	MOS IC (TTL)
IC1301	VPC3215CB8TP	IC (CMOS GATE ARRAY)
IC1302	VPC3211AG10T	IC (CMOS GATE ARRAY)
IC1303	CXA1211M	LINEAR IC
IC1304	F432262PGJ	IC (LOGIC)
IC1305	ZA4035HR	MOS IC (VRAM)
IC1306	MB87F1720	IC (CMOS GATE ARRAY)
IC1307	SDA9255E	IC (CMOS GATE ARRAY)
IC1308	FJB007S	IC (CMOS GATE ARRAY)
IC1309	TDA9332HN1	LINEAR IC
IC2251	AN5265	LINEAR IC
IC2301	TDA7481	LINEAR IC
IC2302	TDA7481	LINEAR IC
IC2303	LA4289	LINEAR IC
IC2304	NJM2059M	LINEAR IC
IC2305	NJM2059M	LINEAR IC
IC2401	BH3866AS	LINEAR IC
IC3001	CXA2069Q	LINEAR IC
IC3002	MM1021XS	LINEAR IC
IC3003	MM1021XS	LINEAR IC
IC3501	M52055FP	LINEAR IC
IC3502S	TJS112030	28PIN IC SOCKET
IC3502	TVRJ246	ROM IC(UVEPROM)
IC3503	24LC08BIPA22	MOS IC (EEP ROM)
IC3504	SDA5450C47GE	MOS IC (8BIT)
IC4001	TC4053BF	MOS IC (CMOS S/LOGIC)
IC4002	TC4053BF	MOS IC (CMOS S/LOGIC)
IC4003	M52346SP	LINEAR IC
IC4006	SN74HC00NS	MOS IC (CMOS S/LOGIC)
IC4801	PUB4301	TRANSISTOR ARRAY
IC4802	AN6564	LINEAR IC
IC4803	PUB4301	TRANSISTOR ARRAY (for TX-33P100T)
IC4804	AN6564	LINEAR IC (for TX-33P100T)
IC4805	TC4066BP	MOS IC (CMOS S/LOGIC) (for TX-33P100T)
IC4861	AN6562	LINEAR IC (for TX-33P100T)
	TRANSISTORS	
Q001	2SD601A	TRANSISTOR
Q101	2SD601A	TRANSISTOR
Q102	2SC2188	TRANSISTOR
Q103	2SD601A	TRANSISTOR
Q104	2SC1047	TRANSISTOR
Q140	2SD601A	TRANSISTOR
Q150	2SD601A	TRANSISTOR
Q151	2SD601A	TRANSISTOR
Q160	2SD601A	TRANSISTOR
Q161	2SD601A	TRANSISTOR
Q162	2SD601A	TRANSISTOR
Q163	2SB709A	TRANSISTOR
Q306	2SD601A	TRANSISTOR
Q369	2SA1309A	TRANSISTOR
Q452	2SD601A	TRANSISTOR
Q453	2SD601A	TRANSISTOR
Q454	2SD601A	TRANSISTOR
Q501	2SD601A	TRANSISTOR
Q502	2SC3311A	TRANSISTOR
Q503	2SC2925S	TRANSISTOR
Q504	2SC5144	TRANSISTOR
Q506	2SC1473A	TRANSISTOR
Q571	2SC3311A	TRANSISTOR
Q572	2SK2538	FET
Q601	2SD601A	TRANSISTOR
Q602	2SD601A	TRANSISTOR
Q603	2SD601A	TRANSISTOR
Q604	2SD601A	TRANSISTOR
Q605	2SD601A	TRANSISTOR
Q701	2SC3311A	TRANSISTOR
Q703	2SC3311A	TRANSISTOR
Q704	2SC3311A	TRANSISTOR
Q706	2SC3311A	TRANSISTOR
Q708	2SC3311A	TRANSISTOR
Q709	2SK1006	FET
Q710	2SC4572	TRANSISTOR
Q711	2SC3311A	TRANSISTOR
Q802	2SK614	FET
Q805	2SC3311A	TRANSISTOR
Q806	2SA1018	TRANSISTOR
Q807	2SA1309A	TRANSISTOR
Q902	2SC3311A	TRANSISTOR
Q903	2SC3311A	TRANSISTOR
Q908	2SC3311A	TRANSISTOR
Q951	2SA720-R	TRANSISTOR
Q952	2SC1318-Q	TRANSISTOR
Q953	2SC1318-Q	TRANSISTOR
Q954	2SA720-R	TRANSISTOR
Q955	2SA1535A	TRANSISTOR
Q956	2SC3944A	TRANSISTOR
Q1003	2SC3311A	TRANSISTOR
Q1101	2SD601A	TRANSISTOR
Q1102	2SD601A	TRANSISTOR
Q1104	2SD601A	TRANSISTOR
Q1105	2SD601A	TRANSISTOR
Q1114	2SD601A	TRANSISTOR
Q1300	2SB709A	TRANSISTOR
Q1301	2SB709A	TRANSISTOR
Q1302	2SB709A	TRANSISTOR
Q1303	2SB709A	TRANSISTOR
Q1304	2SB709A	TRANSISTOR
Q1305	2SB709A	TRANSISTOR
Q1306	2SB709A	TRANSISTOR
Q1307	2SB709A	TRANSISTOR
Q1308	2SB709A	TRANSISTOR
Q1309	2SB709A	TRANSISTOR
Q1310	2SD601A	TRANSISTOR
Q1311	2SB709A	TRANSISTOR
Q1312	2SD601A	TRANSISTOR
Q1313	2SB709A	TRANSISTOR
Q1314	2SB709A	TRANSISTOR
Q1315	2SB709A	TRANSISTOR
Q1316	2SD601A	TRANSISTOR
Q1317	2SB709A	TRANSISTOR
Q1318	2SB709A	TRANSISTOR

Ref. No	Part No.	Description
Q1319	2SB709A	TRANSISTOR
Q1321	2SD601A	TRANSISTOR
Q1327	2SD601A	TRANSISTOR
Q1328	2SD601A	TRANSISTOR
Q1329	2SD601A	TRANSISTOR
Q1330	2SD601A	TRANSISTOR
Q1331	2SD601A	TRANSISTOR
Q1332	2SB709A	TRANSISTOR
Q1333	2SB709A	TRANSISTOR
Q1334	2SB709A	TRANSISTOR
Q1336	2SD601A	TRANSISTOR
Q1337	2SB709A	TRANSISTOR
Q2252	2SB709A	TRANSISTOR
Q2303	2SB709A	TRANSISTOR
Q2304	2SD601A	TRANSISTOR
Q2305	2SD601A	TRANSISTOR
Q2306	2SB709A	TRANSISTOR
Q2307	2SD601A	TRANSISTOR
Q2308	2SD601A	TRANSISTOR
Q2309	2SD601A	TRANSISTOR
Q2310	2SD601A	TRANSISTOR
Q2402	2SD601A	TRANSISTOR
Q2404	2SD601A	TRANSISTOR
Q2405	2SD601A	TRANSISTOR
Q2406	2SD601A	TRANSISTOR
Q3001	2SD601A	TRANSISTOR
Q3002	2SD601A	TRANSISTOR
Q3003	2SC3311A	TRANSISTOR
Q3004	2SD601A	TRANSISTOR
Q3005	2SD601A	TRANSISTOR
Q3006	2SC3311A	TRANSISTOR
Q3008	2SD601A	TRANSISTOR
Q3009	2SD601A	TRANSISTOR
Q3012	2SB709A	TRANSISTOR
Q3551	2SD601A	TRANSISTOR
Q3552	2SD601A	TRANSISTOR
Q3553	2SB709A	TRANSISTOR
Q3556	2SD601A	TRANSISTOR
Q4003	2SD601A	TRANSISTOR
Q4004	2SD601A	TRANSISTOR
Q4802	2SC3311A	TRANSISTOR (for TX-33P100T)
	DIODES	
D001	TVSRK14	DIODE
D002	MA3075M	ZENER DIODE
D003	MA3075M	ZENER DIODE
D004	MA3075M	ZENER DIODE
D005	MA3150H	ZENER DIODE
D006	MA3150H	ZENER DIODE
D007	MA152K	DIODE
D052	MA3075M	ZENER DIODE
D120	MA73	DIODE
D351	ERA15-04	DIODE
D352	ERA15-04	DIODE
D354	TL431CLP	LINEAR IC
D355	ERA15-04	DIODE
D356	ERA15-04	DIODE
D358	MA165	DIODE
D360	MA165	DIODE
D361	MA165	DIODE
D362	MA165	DIODE
D363	MA165	DIODE
D364	MA4130M	ZENER DIODE
D365	MA4130M	ZENER DIODE
D366	MA4130M	ZENER DIODE
D383	ERA15-04	DIODE
D386	ERA15-04	DIODE
D389	ERA15-04	DIODE

Ref. No	Part No.	Description
D402	MA152K	DIODE
D403	MA152K	DIODE
D404	EU02A	DIODE
D405	MA3027	ZENER DIODE
D410	MA3240	ZENER DIODE
D413	MA152K	DIODE
D501	MA152K	DIODE
D502	MA166	DIODE
D503	RH3G	DIODE
D504	MA165	DIODE
D505	MA165	DIODE
D506	MA4091M	ZENER DIODE
D507	MA29T-A	DIODE
D508	MA167	DIODE
D509	MA165	DIODE
D510	MA165	DIODE
D511	MA165	DIODE
D512	EU02	DIODE
D513	MA4360M	ZENER DIODE
D514	MA165	DIODE
D515	EU02	DIODE
D516	EU02	DIODE
D517	MA167	DIODE
D518	EU01N	DIODE
D519	MA165	DIODE
D520	MA165	DIODE
D521	MA165	DIODE
D522	AU02	DIODE
D523	FMV-3GU	DIODE
D524	MA165	DIODE
D525	MA165	DIODE
D526	MA165	DIODE
D527	AK04	DIODE
D572	MA29A	DIODE
D573	MA29A	DIODE
D574	AU02	DIODE
D703	MA4091M	ZENER DIODE
D704	MA165	DIODE
D705	ERA22-06	DIODE
D706	ERA22-06	DIODE
D708	MA165	DIODE
D710	RP1H	DIODE
D802	TRPW5B0N120D	POSISTOR
D803	D4SB80Z	DIODE
D804	TRPW5B0N120D	POSISTOR
D805	TF561SA	THYRISTOR
D807	ERA15-04	DIODE
D810	ERA15-01	DIODE
D811	ERZC10DK621	VARISTOR
D812	MA2240B	ZENER DIODE
D813	MA4104J	ZENER DIODE
D814	MA2082-A	ZENER DIODE
D816	ERA15-01	DIODE
D817	ERA22-10	DIODE
D818	EU2YX	DIODE
D819	MA167	DIODE
D820	ERA22-10	DIODE
△ D821	PC123FY2	PHOTO COUPLER
△ D822	PC123FY2	PHOTO COUPLER
D823	MA2082-A	ZENER DIODE
D824	ERA22-04	DIODE
D825	MA165	DIODE
D826	MA2082-A	ZENER DIODE
D827	EU02	DIODE
D828	MA167	DIODE
D829	MA4082M	ZENER DIODE
D830	MA165	DIODE
△ D831	PC123FY2	PHOTO COUPLER
D832	FML22S	DIODE
D833	MA165	DIODE

Ref. No	Part No.	Description
D834	FMGG2CS	DIODE
D835	FMGG26S	DIODE
D836	EU02	DIODE
D837	MA167	DIODE
D838	MA4104J	ZENER DIODE
D839	FMB-26L	DIODE
D840	FML22S	DIODE
D841	MA2082-A	ZENER DIODE
D842	MA165	DIODE
D843	MA4104J	ZENER DIODE
D844	EM1C	DIODE
D845	RY24	DIODE
D846	TVSSR2K	DIODE
D848	ERA15-04	DIODE
D850	MA165	DIODE
D881	ERZC10DK621	VARISTOR
D953	TVSSR2KN	DIODE
D961	MA165	DIODE
D1004	LNH101WHAHFS	LED
D1005	MA4051L	ZENER DIODE
D1006	MA165	DIODE
D1007	MA165	DIODE
D1101	MA3056M	ZENER DIODE
D1102	MA3056M	ZENER DIODE
D1103	MA152K	DIODE
D1104	MA152K	DIODE
D1105	MA3075M	ZENER DIODE
D1106	MA152K	DIODE
D1300	MA152K	DIODE
D1301	MA152K	DIODE
D1302	MA3075M	ZENER DIODE
D1303	MA3056M	ZENER DIODE
D1304	MA152K	DIODE
D1305	MA721	DIODE
D1306	MA3062	ZENER DIODE
D1307	MA152K	DIODE
D1308	MA152K	DIODE
D1309	MA152K	DIODE
D1311	MA704A	DIODE
D1312	MA3270H	ZENER DIODE
D1314	MA152K	DIODE
D1319	MA152K	DIODE
D2252	MA165	DIODE
D2301	MA3056M	ZENER DIODE
D2302	MA152K	DIODE
D2303	MA152K	DIODE
D2304	MA152K	DIODE
D2307	MA152K	DIODE
D2308	MA3082M	ZENER DIODE
D2311	MA3082M	ZENER DIODE
D2312	MA152K	DIODE
D2313	MA152K	DIODE
D2315	TVSRM26	DIODE (for TX-33P100T)
D2316	TVSRM26	DIODE (for TX-33P100T)
D2401	MA152K	DIODE
D2501	MA4068M	ZENER DIODE
D2504	MA4068M	ZENER DIODE
D3001	MA3180M	ZENER DIODE
D3002	MA3140M	ZENER DIODE
D3003	MA3180M	ZENER DIODE
D3004	MA3140M	ZENER DIODE
D3005	MA3140M	ZENER DIODE
D3006	MA3140M	ZENER DIODE
D3007	MA3140M	ZENER DIODE
D3008	MA3140M	ZENER DIODE
D3315	TVSRM26	DIODE (for TX-29P100T)
D3316	TVSRM26	DIODE (for TX-29P100T)
D3503	MA152K	DIODE
D3553	MA3082M	ZENER DIODE
D4002	MA152K	DIODE

Ref. No	Part No.	Description
D4003	MA152K	DIODE
D4801	MA4056M	ZENER DIODE (for TX-33P100T)
	COILS	
L001	TLTACC100J	PEAKING COIL
L002	TLTACC220J	PEAKING COIL
L003	TLTACC221J	PEAKING COIL
L004	TLTACC221J	PEAKING COIL
L005	EXCELDR25C	BEAD CHOKE
L006	EXCELDR25C	BEAD CHOKE
L007	TALL08N100KA	INDUCTION COIL
L008	TALL08N101KA	INDUCTION COIL
L009	ELEXHR56MA	PEAKING COIL (for TX-29P100T)
L009	TLTACCR56M	PEAKING COIL (for TX-33P100T)
L010	TLTACC4R7J	PEAKING COIL
L011	TALL08N101KA	INDUCTION COIL
L012	TALL08N101KA	INDUCTION COIL
L014	EXCELSA35	BEAD CHOKE
L015	EXCELSA35	BEAD CHOKE
L016	TLUADTB681K	PEAKING COIL
L020	TALL08N100KA	INDUCTION COIL
L021	TALL08N100KA	INDUCTION COIL
L051	TALL08N101KA	INDUCTION COIL
L055	TLTACC221J	PEAKING COIL
L056	TLTACC221J	PEAKING COIL
L057	TLTACC100J	PEAKING COIL
L058	TLTACC100J	PEAKING COIL
L059	TLTACC2R2K	PEAKING COIL
L060	TLTACC2R2K	PEAKING COIL
L106	EQV7EN206B	INDUCTOR COIL
L120	TLTACCR56K	PEAKING COIL
L121	TLTACC8R2J	PEAKING COIL
L130	TLTACC8R2J	PEAKING COIL
L131	TLTACC8R2J	PEAKING COIL
L150	TLTACC151J	PEAKING COIL
L180	TLTACC100J	PEAKING COIL
L181	TLTACC100J	PEAKING COIL
L182	TLTACC150J	PEAKING COIL
L183	TLTACC150J	PEAKING COIL
L184	TLTACC220J	PEAKING COIL
L351	EXCELSA24	BEAD CHOKE
L353	EXCELSA24	BEAD CHOKE
L381	TLTACC150J	PEAKING COIL
L382	TLTACC150J	PEAKING COIL
L383	TLTACC150J	PEAKING COIL
L451	EXCELSA35	BEAD CHOKE
L501	TALL08N100KA	INDUCTION COIL
L502	EXCELSA35	BEAD CHOKE
L505	EXCELDR25C	BEAD CHOKE
L506	EXCELDR25C	BEAD CHOKE
L507	EXCELDR25C	BEAD CHOKE
L508	EXCELDR35C	BEAD CHOKE
L510	EXCELDR35C	BEAD CHOKE
L511	ELEIE332KA	CHOKE COIL
L516	EXCELDR35C	BEAD CHOKE
L517	EXCELDR35C	BEAD CHOKE
L518	ELC18B331E	CHOKE COIL
L519	EXCELSA35	BEAD CHOKE
L520	EXCELDR35C	BEAD CHOKE
L523	ELHKLB823B	HORIZONTAL COIL
L524	ELHKLB054B	HORIZONTAL COIL
L525	TALL13N103JB	INDUCTION COIL
L527	ELC18B801L	CHOKE COIL
L528	EXCELSA35	BEAD CHOKE
L529	EXCELSA39	BEAD CHOKE
L530	EXCELDR35C	BEAD CHOKE
L570	ELESE100JA	PEAKING COIL
L571	ELESE100JA	PEAKING COIL
L572	EXCELDR25C	BEAD CHOKE

Ref. No	Part No.	Description
L573	EXCELDR25C	BEAD CHOKE
L574	EXCELSA35	BEAD CHOKE
L575	ELC18B272L	CHOKE COIL
L577	EXCELDR35C	BEAD CHOKE
L578	EXCELDR35C	BEAD CHOKE
L579	ELESE100JA	PEAKING COIL
L601	TALL08N101KA	INDUCTION COIL
L602	TALL08N101KA	INDUCTION COIL
L603	TALL08N101KA	INDUCTION COIL
L605	TALL08N101KA	INDUCTION COIL
L606	TALL08N101KA	INDUCTION COIL
L607	EXCELDR25C	BEAD CHOKE
L608	EXCELDR25C	BEAD CHOKE
L609	EXCELDR25C	BEAD CHOKE
L701	EXCELDR25C	BEAD CHOKE
L702	ELESE470JA	PEAKING COIL
L703	TLH15422R	CHOKE COIL
L805	EXCELSA35	BEAD CHOKE
L806	EXCELDR25C	BEAD CHOKE
L807	EXCELDR25C	BEAD CHOKE
L808	EXCELSA35	BEAD CHOKE
L809	EXCELDR25C	BEAD CHOKE
L810	EXCELDR25C	BEAD CHOKE
L811	EXCELSA39	BEAD CHOKE
L814	EXCELSA35	BEAD CHOKE
L815	EXCELSA35	BEAD CHOKE
L816	EXCELSA35	BEAD CHOKE
L817	EXCELSA35	BEAD CHOKE
L818	EXCELSA35	BEAD CHOKE
L819	TALL08N100KA	INDUCTION COIL
L820	EXCELSA35	BEAD CHOKE
L821	TLTACC100J	PEAKING COIL
L822	TALL08N470KA	INDUCTION COIL
L823	EXCELDR25C	BEAD CHOKE
L824	TALL08N150KA	INDUCTION COIL
L825	TALL08N100KA	INDUCTION COIL
L826	EXCELSA35	BEAD CHOKE
△ L827	ELF18D486D	LINE FILTER
L828	EXCELSA35	BEAD CHOKE
L829	EXCELSA35	BEAD CHOKE
L830	TALL08N100KA	INDUCTION COIL
L831	EXCELSA35	BEAD CHOKE
△ L881	ELF18D860D	LINE FILTER
△ L882	ELF18D860D	LINE FILTER
△ L884	ELF18D860D	LINE FILTER
△ L885	ELF18D860D	LINE FILTER
L886	EXCELSA35	BEAD CHOKE
L904	TLTACC560J	PEAKING COIL
L953	EXCELSA35	BEAD CHOKE
L954	EXCELSA35	BEAD CHOKE
L956	EXCELSA35	BEAD CHOKE
L1001	EXCELSA35	BEAD CHOKE
L1101	TLTACC100J	PEAKING COIL
L1103	TLTACC100J	PEAKING COIL
L1104	TLTACC100J	PEAKING COIL
L1105	TLTACC100J	PEAKING COIL
L1106	TLTACC100J	PEAKING COIL
L1108	TLTACC100J	PEAKING COIL
L1109	TLTACC100J	PEAKING COIL
L1111	TLTACC100J	PEAKING COIL
L1112	ERDS2TC0	C 0 OHM 1/4W
L1113	ELJPA1R0MB	INDUCTION COIL
L1115	TLTACC4R7J	PEAKING COIL
L1116	TLTACC4R7J	PEAKING COIL
L1118	TLTACC4R7J	PEAKING COIL
L1119	TLTACC4R7J	PEAKING COIL
L1120	TLTACC4R7J	PEAKING COIL
L1121	TLTACC4R7J	PEAKING COIL
L1122	TLTACC100J	PEAKING COIL
L1123	ELJPA100KB	CHIP INDUCTOR
L1124	TLTACC100J	PEAKING COIL
L1125	TLTACC4R7J	PEAKING COIL
L1126	TLTACC4R7J	PEAKING COIL
L1127	TLTACC4R7J	PEAKING COIL
L1128	TLTACC4R7J	PEAKING COIL
L1129	EXCELSA35	BEAD CHOKE
L1131	ELJPA100KB	CHIP INDUCTOR
L1132	ELJPA100KB	CHIP INDUCTOR
L1133	ELJPA100KB	CHIP INDUCTOR
L1134	ELJPA100KB	CHIP INDUCTOR
L1136	TLTACC100J	PEAKING COIL
L1137	TLTACC100J	PEAKING COIL
L1138	ELJPA100KB	CHIP INDUCTOR
L1139	ELJPA100KB	CHIP INDUCTOR
L1140	ELJPA100KB	CHIP INDUCTOR
L1141	ELJPA100KB	CHIP INDUCTOR
L1142	ELJPA100KB	CHIP INDUCTOR
L1143	TLTACC100J	PEAKING COIL
L1144	ELJPA100KB	CHIP INDUCTOR
L1145	ELJPA100KB	CHIP INDUCTOR
L1146	ELJPA100KB	CHIP INDUCTOR
L1147	ELJPA100KB	CHIP INDUCTOR
L1148	ELJPA100KB	CHIP INDUCTOR
L1149	ELJPA100KB	CHIP INDUCTOR
L1150	ELJPA100KB	CHIP INDUCTOR
L1151	ELJPA100KB	CHIP INDUCTOR
L1152	ELJPA100KB	CHIP INDUCTOR
L1153	ELJPA100KB	CHIP INDUCTOR
L1154	ELJPA100KB	CHIP INDUCTOR
L1155	ELJPA100KB	CHIP INDUCTOR
L1156	ELJPA100KB	CHIP INDUCTOR
L1157	ELJPA100KB	CHIP INDUCTOR
L1302	ELJFA1R8KF	CHIP INDUCTOR
L1303	ELJFA3R3JB	CHIP INDUCTOR
L1304	ELJPA100KB	CHIP INDUCTOR
L1306	ELJPA100KB	CHIP INDUCTOR
L1307	ELJNA1R8JB	INDUCTION COIL
L1308	ELJFA3R3JB	CHIP INDUCTOR
L1310	ELJPA100KB	CHIP INDUCTOR
L1311	ELJPA100KB	CHIP INDUCTOR
L1312	ELJPA100KB	CHIP INDUCTOR
L1313	ELJPA100KB	CHIP INDUCTOR
L1314	ELJPA100KB	CHIP INDUCTOR
L1315	ELJPA100KB	CHIP INDUCTOR
L1319	ELJPA100KB	CHIP INDUCTOR
L1320	ELJPA100KB	CHIP INDUCTOR
L1324	ELJPA100KB	CHIP INDUCTOR
L1325	ELJPA100KB	CHIP INDUCTOR
L1326	ELJPA100KB	CHIP INDUCTOR
L1327	ELJPA100KB	CHIP INDUCTOR
L1328	ELJPA100KB	CHIP INDUCTOR
L2252	EXCELDR35C	BEAD CHOKE
L2256	TLS159054E	NETWORK COIL
L2257	TLS159054E	NETWORK COIL
L2278	EXCELSA35	BEAD CHOKE
L2301	TALL08N100KA	INDUCTION COIL
L2302	TALL08N100KA	INDUCTION COIL
L2303	TALL08N100KA	INDUCTION COIL
L2304	TALL08N100KA	INDUCTION COIL
L2305	TALL08N100KA	INDUCTION COIL
L2307	TALL08N100KA	INDUCTION COIL
L2308	TALL08N100KA	INDUCTION COIL
L2310	TALL08N100KA	INDUCTION COIL
L2311	TALL08N270KA	INDUCTION COIL
L2312	TAL10RP390LB	INDUCTION COIL
L2313	TALL08N270KA	INDUCTION COIL
L2314	TAL10RP390LB	INDUCTION COIL
L2315	TLTACC100J	PEAKING COIL
L2316	TALL08N100KA	INDUCTION COIL
L2322	EXCELSA35	BEAD CHOKE (for TX-29P100T)

Ref. No	Part No.	Description
L2325	EXCELSA35	BEAD CHOKE (for TX-33P100T)
L2326	TALL08N100KA	INDUCTION COIL
L2331	TALL08N100KA	INDUCTION COIL
L2334	EXCELSA35	BEAD CHOKE (for TX-29P100T)
L2335	EXCELSA35	BEAD CHOKE (for TX-33P100T)
L2341	TALL08N100KA	INDUCTION COIL
L2342	TALL08N100KA	INDUCTION COIL
L2401	TLTACC100J	PEAKING COIL
L2402	EXCELSA35	BEAD CHOKE
L2523	EXCELSA35	BEAD CHOKE
L2524	EXCELSA35	BEAD CHOKE
L2525	EXCELSA35	BEAD CHOKE
L2526	EXCELSA35	BEAD CHOKE
L2527	EXCELSA35	BEAD CHOKE
L2528	EXCELSA35	BEAD CHOKE
L2559	TLTACC100J	PEAKING COIL
L3001	TLTACC100J	PEAKING COIL
L3004	TLTACC100J	PEAKING COIL
L3005	TLTACC100J	PEAKING COIL
L3006	TLTACC1R5K	PEAKING COIL
L3007	TLTACC1R5K	PEAKING COIL
L3010	TLTACC1R5K	PEAKING COIL
L3011	TLTACC1R5K	PEAKING COIL
L3012	TLTACC1R5K	PEAKING COIL
L3013	TLTACC1R5K	PEAKING COIL
L3014	TLTACC1R5K	PEAKING COIL
L3015	TLTACC1R5K	PEAKING COIL
L3504	EXCELDR35C	BEAD CHOKE
L3551	EXCELDR25C	BEAD CHOKE
L3557	EXCELDR35C	BEAD CHOKE
L3558	EXCELDR35C	BEAD CHOKE
L3559	EXCELDR25C	BEAD CHOKE
L3560	TLTACC101K	PEAKING COIL
L3561	EXCELDR35C	BEAD CHOKE
L3562	EXCELDR25C	BEAD CHOKE
L3563	TLTACC101K	PEAKING COIL
L3565	TLTACC101K	PEAKING COIL
L3567	EXCELDR35C	BEAD CHOKE
L3568	TLTACC100K	PEAKING COIL
L3569	TLTACC100J	PEAKING COIL
L3570	TLTACC100J	PEAKING COIL
L3571	TLTACC100J	PEAKING COIL
L3574	EXCELDR25C	BEAD CHOKE
L3575	EXCELDR25C	BEAD CHOKE
L3576	EXCELDR25C	BEAD CHOKE
L4002	TLTACC100J	PEAKING COIL
L4003	TLTACC100J	PEAKING COIL
L4801	EXCELSA35	BEAD CHOKE
L4802	EXCELDR35C	BEAD CHOKE (for TX-33P100T)
L4803	TLTACC100J	PEAKING COIL (for TX-33P100T)
L4804	ELEIE102JA	CHOKE COIL (for TX-33P100T)
LC1300	TAXA0024	LC FILTER
LC1301	TAXA0024	LC FILTER
LC1302	TAXA0024	LC FILTER
LC1303	TAXA0024	LC FILTER
LC1304	TAXA0024	LC FILTER
LC1305	TAXA0024	LC FILTER
LC1306	TAXA0024	LC FILTER
LC1307	TAXA0024	LC FILTER
LC1308	TAXA0024	LC FILTER
LC1309	TAXA0024	LC FILTER
LC1310	TAXA0024	LC FILTER
LC1311	TAXA0024	LC FILTER
LC1312	TAXA0024	LC FILTER
LC1313	TAXA0024	LC FILTER
LC1314	TAXA0024	LC FILTER
LC1315	TAXA0024	LC FILTER
LC1316	TAXA0024	LC FILTER
LC1317	TAXA0024	LC FILTER
LC1318	TAXA0024	LC FILTER

	Ref. No	Part No.	Description			
	LC1319	TAXA0024	LC FILTER			
	LC1320	TAXA0024	LC FILTER			
	LC1321	TAXA0024	LC FILTER			
	LC1323	TAXA0024	LC FILTER			
	LC1324	TAX10075	EMI FILTER			
	LC1325	TAX10075	EMI FILTER			
	LC1326	TAXA0024	LC FILTER			
	LC1328	TAX10075	EMI FILTER			
	LC1331	TAX10075	EMI FILTER			
	LC1333	TAX10075	EMI FILTER			
	LC1334	TAX10075	EMI FILTER			
	LC1336	TAX10075	EMI FILTER			
	LC1337	TAX10075	EMI FILTER			
	LC1338	TAX10075	EMI FILTER			
	LC1340	TAXA0024	LC FILTER			
	LC1341	TAXA0024	LC FILTER			
	LC1342	TAXA0024	LC FILTER			
	LC1343	TAXA0024	LC FILTER			
	LC1344	TAXA0024	LC FILTER			
	LC1345	TAXA0024	LC FILTER (for TX-29P100T)			
	LC1346	TAXA0024	LC FILTER (for TX-29P100T)			
	LC4801	MIU-212	CORRECTION COIL (for TX-33P100T)			
		TRANSFORMERS				
	T501	ETH19Y187AY	H DRIVE TRANS			
△	T551	KFT4AV213F	FLYBACK TRANS (for TX-29P100T)			
△	T551	KFT5AV214F	FLYBACK TRANS (for TX-33P100T)			
	T701	ETF18L37B	OUT PUT TRANS			
△	T801	ETS19AB186AG	SWITCHING TRANS			
△	T802	ETS49AH1Z6AD	SWITCHING TRANS			
		RESISTORS				
	R001	ERJ6GEYJ223	M	22KOHM	J	1/10W
	R003	ERJ6GEYJ103	M	10KOHM	J	1/10W
	R004	ERJ6GEYJ183	M	18KOHM	J	1/10W
	R005	ERJ6GEYJ222	M	2.2KOHM	J	1/10W
	R007	ERDS1FJ270	C	27 OHM	J	1/2W
	R009	ERJ6GEYJ223	M	22KOHM	J	1/10W
	R011	ER0S2CKF8250	M	825 OHM	F	1/4W
	R012	ER0S2CKF3000	M	300 OHM	F	1/4W
	R013	ER0S2CKF2201	M	2.2KOHM	F	1/4W
	R014	ER0S2CKF1202	M	12KOHM	F	1/4W
	R019	ER0S2CKF39R0	M	39 OHM	F	1/4W
	R020	ER0S2CKF1201	M	1.2KOHM	F	1/4W
	R030	ERJ6ENF39R0	M	39 OHM		1/10W
	R031	ERJ6ENF1201	M	1.2KOHM		1/10W
	R050	ERJ6GEYJ103	M	10KOHM	J	1/10W
	R053	ER0S2CKF39R0	M	39 OHM	F	1/4W
	R059	ER0S2CKF1201	M	1.2KOHM	F	1/4W
	R111	ERJ6GEYJ224	M	220KOHM	J	1/10W
	R112	ERJ6GEYJ123	M	12KOHM	J	1/10W
	R113	ERJ6GEYJ473	M	47KOHM	J	1/10W
	R114	ERJ6GEYJ122	M	1.2KOHM	J	1/10W
	R115	ERJ6GEYJ222	M	2.2KOHM	J	1/10W
	R116	ERJ6GEYJ222	M	2.2KOHM	J	1/10W
	R117	ERJ6GEYJ682	M	6.8KOHM	J	1/10W
	R118	ERJ6GEYJ103	M	10KOHM	J	1/10W
	R119	ERJ6GEYJ102	M	1KOHM	J	1/10W
	R120	ERJ6GEYJ680	M	68 OHM	J	1/10W
	R121	ERJ6GEYJ122	M	1.2KOHM	J	1/10W
	R122	ERJ6GEYJ470	M	47 OHM	J	1/10W
	R123	ERJ6GEYJ472	M	4.7KOHM	J	1/10W
	R124	ERJ6GEYJ122	M	1.2KOHM	J	1/10W
	R130	ERJ6GEYJ391	M	390 OHM	J	1/10W
	R131	ERJ6GEYJ471	M	470 OHM	J	1/10W
	R132	ERJ6GEYJ121	M	120 OHM	J	1/10W
	R133	ERJ6GEYJ470	M	47 OHM	J	1/10W

Ref. No	Part No.	Description			
R134	ERJ6GEYJ103	M	10KOHM	J	1/10W
R135	ERJ6GEYJ332	M	3.3KOHM	J	1/10W
R136	ERJ6GEYJ102	M	1KOHM	J	1/10W
R137	ERJ6GEYJ103	M	10KOHM	J	1/10W
R138	ERJ6GEYJ682	M	6.8KOHM	J	1/10W
R140	ERJ6GEYJ682	M	6.8KOHM	J	1/10W
R141	ERJ6GEYJ473	M	47KOHM	J	1/10W
R142	ERJ6GEYJ222	M	2.2KOHM	J	1/10W
R143	ERJ6GEYJ154	M	150KOHM	J	1/10W
R144	ERJ6GEYJ562	M	5.6KOHM	J	1/10W
R145	ERJ6GEYJ221	M	220 OHM	J	1/10W
R149	ERJ6GEYJ101	M	100 OHM	J	1/10W
R152	ERJ6GEYJ102	M	1KOHM	J	1/10W
R154	ERJ6GEYJ331	M	330 OHM	J	1/10W
R155	ERJ6GEYJ101	M	100 OHM	J	1/10W
R156	ERJ6GEYJ333	M	33KOHM	J	1/10W
R157	ERJ6GEYJ472	M	4.7KOHM	J	1/10W
R158	ERJ6GEYJ272	M	2.7KOHM	J	1/10W
R160	ERJ6GEYJ224	M	220KOHM	J	1/10W
R161	ERJ6GEYJ680	M	68 OHM	J	1/10W
R163	ERJ6GEYJ271	M	270 OHM	J	1/10W
R164	ERJ6GEYJ271	M	270 OHM	J	1/10W
R165	ERJ6GEYJ271	M	270 OHM	J	1/10W
R166	ERJ6GEYJ122	M	1.2KOHM	J	1/10W
R167	ERJ6GEYJ221	M	220 OHM	J	1/10W
R168	ERJ6GEYJ103	M	10KOHM	J	1/10W
R169	ERJ6GEYJ473	M	47KOHM	J	1/10W
R170	ERJ6GEYJ563	M	56KOHM	J	1/10W
R171	ERJ6GEYJ333	M	33KOHM	J	1/10W
R176	ERJ6GEYJ104	M	100KOHM	J	1/10W
R177	ERJ6GEYJ124	M	120KOHM	J	1/10W
R178	TAV1026B102	VARIABLE RESISTOR			
R180	ERJ6ENF2200	M	220 OHM		1/10W
R181	ERJ6ENF3300	M	330 OHM		1/10W
R182	ERJ6ENF3300	M	330 OHM		1/10W
R183	ERJ6ENF5600	M	560 OHM		1/10W
R184	ERJ6GEYJ681	M	680 OHM	J	1/10W
R186	ERJ6GEYJ102	M	1KOHM	J	1/10W
R187	ERJ6ENF1001	M	1KOHM		1/10W
R188	ERJ6GEYJ271	M	270 OHM	J	1/10W
R189	ERJ6GEYJ101	M	100 OHM	J	1/10W
R193	ERJ6GEYJ101	M	100 OHM	J	1/10W
R194	ERJ6GEYJ101	M	100 OHM	J	1/10W
R201	ERJ6GEYJ471	M	470 OHM	J	1/10W
R202	ERJ6GEYJ471	M	470 OHM	J	1/10W
R203	ERJ6GEYJ471	M	470 OHM	J	1/10W
R204	ERJ6GEYJ471	M	470 OHM	J	1/10W
R205	ERJ6GEYJ471	M	470 OHM	J	1/10W
R332	ERJ6GEYJ222	M	2.2KOHM	J	1/10W
R333	ERJ6GEY0R00	M	0 OHM	J	1/10W
R334	ERJ6GEYJ332	M	3.3KOHM	J	1/10W
R351	ERDS2TJ181	C	180 OHM	J	1/4W
R352	ER0S2CKF1801	M	1.8KOHM	F	1/4W
R353	ER0S2CKF1271	M	1.27KOHM	F	1/4W
R354	ERG3FJS823D	M	82KOHM	J	3W
R355	ERDS2TJ181	C	180 OHM	J	1/4W
R356	ERDS2TJ822	C	8.2KOHM	J	1/4W
R357	ERC12GK561	S	560 OHM	K	1/2W
R360	ERDS2TJ181	C	180 OHM	J	1/4W
R361	ER0S2CKF1801	M	1.8KOHM	F	1/4W
R362	ERG3FJS823D	M	82KOHM	J	3W
R363	ER0S2CKF1271	M	1.27KOHM	F	1/4W
R364	ERDS2TJ181	C	180 OHM	J	1/4W
R365	ERDS2TJ822	C	8.2KOHM	J	1/4W
R366	ERC12GK561	S	560 OHM	K	1/2W
R370	ERDS2TJ181	C	180 OHM	J	1/4W
R371	ER0S2CKF1801	M	1.8KOHM	F	1/4W
R372	ER0S2CKF1271	M	1.27KOHM	F	1/4W
R373	ERG3FJS823D	M	82KOHM	J	3W
R374	ERDS2TJ181	C	180 OHM	J	1/4W

Ref. No	Part No.	Description			
R375	ERDS2TJ822	C	8.2KOHM	J	1/4W
R376	ERC12GK561	S	560 OHM	K	1/2W
R382	ERDS2TJ103	C	10KOHM	J	1/4W
R386	ERDS2TJ562	C	5.6KOHM	J	1/4W
R387	ERDS1TJ471	C	470 OHM	J	1/2W
R401	ERDS2TJ272	C	2.7KOHM	J	1/4W
R402	ERDS2TJ331	C	330OHM	J	1/4W
		(for TX-29P100T)			
R402	ERJ6GEYJ331	M	330 OHM	J	1/10W
		(for TX-33P100T)			
R403	ERJ6GEYJ102	M	1KOHM	J	1/10W
R404	ERJ6GEYJ224	M	220KOHM	J	1/10W
R416	ERJ6GEYJ123	M	12KOHM	J	1/10W
R418	ERJ6GEYJ123	M	12KOHM	J	1/10W
R419	ERG3FJS471D	M	470 OHM	J	3W
R420	ERJ6GEYJ563	M	56KOHM	J	1/10W
R429	ERJ6GEYJ562	M	5.6KOHM	J	1/10W
R430	ERDS2TJ103	C	10KOHM	J	1/4W
R438	ERJ6GEYJ103	M	10KOHM	J	1/10W
R439	ERJ6GEYJ682	M	6.8KOHM	J	1/10W
R441	ERDS2TJ393	C	39KOHM	J	1/4W
R442	ERJ6GEYJ123	M	12KOHM	J	1/10W
R451	ERDS1TJ3R3	C	3.3 OHM	J	1/2W
R452	ERDS1TJ3R3	C	3.3 OHM	J	1/2W
R453	ERJ6GEYJ393	M	39KOHM	J	1/10W
R454	ERJ6GEYJ123	M	12KOHM	J	1/10W
R457	ERJ6GEYJ682	M	6.8KOHM	J	1/10W
R470	ERJ6GEYJ682	M	6.8KOHM	J	1/10W
R471	ERDS1FJ1R0	C	1 OHM	J	1/2W
R505	ERDS2TJ103	C	10KOHM	J	1/4W
R506	ERDS2TJ473	C	47KOHM	J	1/4W
R507	ERG1FJS222D	M	2.2KOHM	J	1W
R508	ERG3FJS153D	M	15KOHM	J	3W
R509	ERDS2TJ273	C	27KOHM	J	1/4W
△ R510	ERQ12HJ222	F	2.2KOHM	J	1/2W
R511	ERDS1TJ102	C	1KOHM	J	1/2W
R512	ERDS2TJ154	C	150KOHM	J	1/4W
R513	ERDS2TJ222	C	2.2KOHM	J	1/4W
R514	ERDS2TJ822	C	8.2KOHM	J	1/4W
R515	ERDS2TJ154	C	150KOHM	J	1/4W
R516	ERDS2TJ103	C	10KOHM	J	1/4W
R517	ERDS2TJ332	C	3.3KOHM	J	1/4W
R518	ERDS2TJ183	C	18KOHM	J	1/4W
R519	ERDS2TJ271	C	270 OHM	J	1/4W
R521	ERDS2TJ103	C	10KOHM	J	1/4W
R522	ERF2AKR18	W	0.18 OHM	K	2W
R523	ERDS2TJ822	C	8.2KOHM	J	1/4W
R524	ERDS2TJ103	C	10KOHM	J	1/4W
△ R525	ERQ2CJP151S	F	150 OHM	J	2W
R527	ERDS2TJ334	C	330KOHM	J	1/4W
R529	ERDS1TJ120	C	12 OHM	J	1/2W
R530	ERDS1TJ681	C	680 OHM	J	1/2W
R531	ERDS1FJ1R2	C	1.2 OHM	J	1/2W
R532	ERDS1TJ681	C	680 OHM	J	1/2W
R535	ERJ6GEYJ222	M	2.2KOHM	J	1/10W
R536	ERJ6GEYJ273	M	27KOHM	J	1/10W
R537	ERJ6GEYJ103	M	10KOHM	J	1/10W
R539	ER0S2CKF3322	M	33.2KOHM	F	1/4W
R540	ERG3FJS222D	M	2.2KOHM	J	3W
R541	ERDS2TJ473	C	47KOHM	J	1/4W
R542	ER050CKF2802	M	28KOHM	F	1/2W
R543	ER0S2CKF8251	M	8.25KOHM	F	1/4W
		(for TX-29P100T)			
R543	ER0S2CKF3741	M	3.74KOHM	F	1/4W
		(for TX-33P100T)			
R544	ER0S2CKF3742	M	37.4KOHM	F	1/4W
		(for TX-29P100T)			
R544	ER0S2CKF3162	M	31.6KOHM	F	1/4W
		(for TX-33P100T)			
R546	ERDS1TJ102	C	1KOHM	J	1/2W

	Ref. No	Part No.	Description
	R548	ERX3FJS4R7D	M 4.7 OHM J 3W
	R549	ERX3FJS4R7D	M 4.7 OHM J 3W
	R550	ER0S2CKF1002	M 10KOHM F 1/4W
	R551	ERDS2TJ222	C 2.2KOHM J 1/4W
	R552	ERDS1TJ394	C 390KOHM J 1/2W
	R553	ERDS1TJ470	C 47 OHM J 1/2W
	R554	ERDS2TJ222	C 2.2KOHM J 1/4W
	R555	ERDS2TJ222	C 2.2KOHM J 1/4W
	R556	ERDS2TJ333	C 33KOHM J 1/4W
	R557	ERG2FJS681D	M 680 OHM J 2W
△	R558	ERQ1CJP471S	F 470 OHM J 1W
△	R559	ERQ3CJ561	F 560 OHM J 3W
△	R571	ERQ1CJP3R9S	F 3.9 OHM J 1W (for TX-29P100T)
△	R571	ERQ2CJP2R4S	F 2.4 OHM J 2W (for TX-33P100T)
	R572	ERDS2TJ103	C 10KOHM J 1/4W
	R573	ERDS2TJ100	C 10 OHM J 1/4W
	R575	ERDS2TJ103	C 10KOHM J 1/4W
	R576	ERDS2TJ223	C 22KOHM J 1/4W
	R578	ERDS2TJ153	C 15KOHM J 1/4W
	R579	ERDS2TJ273	C 27KOHM J 1/4W (for TX-29P100T)
	R579	ERDS2TJ223	C 22KOHM J 1/4W (for TX-33P100T)
	R580	ERDS2TJ103	C 10KOHM J 1/4W
	R581	ERDS2TJ103	C 10KOHM J 1/4W
	R582	ERDS2TJ103	C 10KOHM J 1/4W
	R583	ERDS2TJ103	C 10KOHM J 1/4W
	R584	ERDS2TJ222	C 2.2KOHM J 1/4W
	R585	ERDS2TJ272	C 2.7KOHM J 1/4W
	R587	ERDS1FJ680	C 68 OHM J 1/2W
	R589	ERDS2TJ332	C 3.3KOHM J 1/4W
	R590	ERDS2TJ911	C 910 OHM J 1/4W
	R591	ERG2FJ222H	M 2.2KOHM J 2W
	R592	ERD25FJ911	C 910 OHM J 1/4W
	R594	ERDS2TJ103	C 10KOHM J 1/4W
	R595	ERDS2TJ183	C 18KOHM J 1/4W
	R596	ERDS2TJ562	C 5.6KOHM J 1/4W
	R601	ERJ6GEYJ101	M 100 OHM J 1/10W
	R602	ERJ6GEYJ561	M 560 OHM J 1/10W
	R603	ERJ6GEYJ101	M 100 OHM J 1/10W
	R604	ERJ6GEYJ561	M 560 OHM J 1/10W
	R605	ERJ6GEYJ390	M 39 OHM J 1/10W
	R606	ERJ6GEYJ680	M 68 OHM J 1/10W
	R607	ERJ6GEYJ101	M 100 OHM J 1/10W
	R608	ERJ6GEYJ102	M 1KOHM J 1/10W
	R609	ERJ6GEYJ101	M 100 OHM J 1/10W
	R610	ERJ6GEYJ561	M 560 OHM J 1/10W
	R611	ERJ6GEYJ390	M 39 OHM J 1/10W
	R612	ERJ6GEYJ680	M 68 OHM J 1/10W
	R613	ERJ6GEYJ101	M 100 OHM J 1/10W
	R614	ERJ6GEYJ561	M 560 OHM J 1/10W
△	R701	ERQ14AJ220P	F 22 OHM J 1/4W
	R704	ERDS2TJ333	C 33KOHM J 1/4W
	R705	ERDS2TJ103	C 10KOHM J 1/4W
	R707	ERDS2TJ472	C 4.7KOHM J 1/4W
	R708	ERDS2TJ102	C 1KOHM J 1/4W
	R710	ERDS2TJ823	C 82KOHM J 1/4W
	R714	ERDS2TJ222	C 2.2KOHM J 1/4W
	R715	ERDS2TJ152	C 1.5KOHM J 1/4W
	R716	ERDS2TJ684	C 680KOHM J 1/4W
	R717	ERDS2TJ221	C 220 OHM J 1/4W
	R718	ERDS2TJ472	C 4.7KOHM J 1/4W
	R719	ERDS2TJ562	C 5.6KOHM J 1/4W
	R720	ERDS2TJ123	C 12KOHM J 1/4W
	R721	ERDS2TJ273	C 27KOHM J 1/4W
	R722	ERDS2TJ103	C 10KOHM J 1/4W
	R723	ERDS2TJ472	C 4.7KOHM J 1/4W
	R724	ERDS2TJ153	C 15KOHM J 1/4W
	R725	EVMEGSA00B53	CONTROL 5KOHMB
	R726	ER0S2CKF1272	M 12.7KOHM F 1/4W
	R727	ER0S2CKF1002	M 10KOHM F 1/4W (for TX-29P100T)
	R727	ER0S2CKF6651	M 6.65KOHM F 1/4W (for TX-33P100T)
	R728	ER0S2CKF3242	M 32.4KOHM F 1/4W
	R729	ER0S2CKF2701	M 2.7KOHM F 1/4W
	R730	ER0S2CKF1302	M 13KOHM F 1/4W (for TX-29P100T)
	R730	ER0S2CKF1582	M 15.8KOHM F 1/4W
	R731	ERDS2TJ103	C 10KOHM J 1/4W
	R732	ERDS1FJ103	C 10KOHM J 1/2W
	R734	ERDS1FJ103	C 10KOHM J 1/2W
	R737	ERDS2TJ564	C 560KOHM J 1/4W
	R740	ERDS2TJ561	C 560 OHM J 1/4W
	R741	ERDS2TJ472	C 4.7KOHM J 1/4W
	R742	ERDS1FJ561	C 560 OHM J 1/2W
	R743	ERDS2TJ101	C 100 OHM J 1/4W
	R744	ERDS2TJ820	C 82 OHM J 1/4W
	R745	EVMEGSA00B53	CONTROL 5KOHMB
	R746	ERG2FJ123H	M 12KOHM J 2W
	R747	ERDS2TJ123	C 12KOHM J 1/4W
	R748	ERC12GK104	S 100KOHM K 1/2W
	R749	ERDS2TJ125	C 1.2MOHM J 1/4W
	R750	ERDS2TJ125	C 1.2MOHM J 1/4W
	R751	ERDS2TJ223	C 22KOHM J 1/4W
	R753	ERDS1FJ332	C 3.3KOHM J 1/2W
△	R754	ERQ3CJ102	F 1KOHM J 3W
	R755	ER0S2CKF4021	M 4.02KOHM F 1/4W (for TX-29P100T)
	R755	ER0S2CKF3651	M 3.65KOHM F 1/4W (for TX-33P100T)
	R756	ERDS2TJ334	C 330KOHM J 1/4W
	R757	ERDS2TJ101	C 100 OHM J 1/4W
△	R758	ERQ3CJ102	F 1KOHM J 3W
	R759	ERDS2TJ473	C 47KOHM J 1/4W
	R760	ERDS2TJ104	C 100KOHM J 1/4W
	R761	ERDS2TJ104	C 100KOHM J 1/4W
	R762	ERDS2TJ104	C 100KOHM J 1/4W
	R763	ERDS2TJ104	C 100KOHM J 1/4W
	R764	ERDS2TJ103	C 10KOHM J 1/4W
	R802	ERDS2TJ681	C 680 OHM J 1/4W
	R804	ERF7ZK3R3	W 3.3 OHM K 7W
	R805	ERF5ZJ121	W 120 OHM J 5W
	R807	ERG2FJS183D	M 18KOHM J 2W
	R808	ERDS2TJ333	C 33KOHM J 1/4W (for TX-33P100T)
	R810	ERG2FJS183D	M 18KOHM J 2W
	R812	ERG3FJS683D	M 68KOHM J 3W
	R815	ER0S2CKF1621	M 1.62KOHM F 1/4W
	R816	ERDS2TJ222	C 2.2KOHM J 1/4W
	R817	ERDS2TJ222	C 2.2KOHM J 1/4W
	R818	ERC12GK470	S 47 OHM 1/2W
	R819	ERDS2TJ101	C 100 OHM J 1/4W
	R820	ERDS2TJ332	C 3.3KOHM J 1/4W
△	R821	ERQ1CJP390S	F 39 OHM J 1W
△	R822	ERQ14AJ471P	F 470 OHM J 1/4W
	R824	ERG1FJS104D	M 100KOHM J 1W
	R825	ERG3FJS104D	M 100KOHM J 3W
	R826	ERX12SJR33	M 0.33 OHM J 1/2W
	R828	ERX12SJR33	M 0.33 OHM J 1/2W
	R829	ERDS1TJ122	C 1.2KOHM J 1/2W
	R830	ERDS2TJ332	C 3.3KOHM J 1/4W
	R831	ERDS2TJ561	C 560 OHM J 1/4W
	R834	ERDS2TJ681	C 680 OHM J 1/4W
	R835	ERDS2TJ101	C 100 OHM J 1/4W
	R836	ERDS2TJ153	C 15KOHM J 1/4W
	R837	ERDS1TJ102	C 1KOHM J 1/2W
	R838	ERDS2TJ332	C 3.3KOHM J 1/4W

	Ref. No	Part No.	Description			
△	R839	ERD75TAJ825	C	8.2MOHM	J	3/4W
	R844	ERDS1TJ153	C	15KOHM	J	1/2W
	R846	ER0S2CKF1132	M	11.3KOHM	F	1/4W
	R848	ER0S2CKF8871	M	8.87KOHM	F	1/4W
	R849	ERDS2TJ472	C	4.7KOHM	J	1/4W
	R850	ERDS2TJ223	C	22KOHM	J	1/4W
	R851	ERDS2TJ103	C	10KOHM	J	1/4W
	R852	ERDS2TJ103	C	10KOHM	J	1/4W
△	R853	ERQ14AJ100P	F	10 OHM	J	1/4W
	R855	ERF7ZK2R2	W	2.2 OHM	Z	7W
	R856	ERDS1TJ333	C	33KOHM	J	1/2W
	R857	ERDS2TJ821	C	820 OHM	J	1/4W
	R858	ERDS2TJ333	C	33KOHM	J	1/4W
	R859	ER0S2CKF1503	M	150KOHM	F	1/4W
	R860	ER0S2CKF1152	M	11.5KOHM	F	1/4W
△	R862	ERQ1CKPR33S	F	0.33 OHM	K	1W
	R863	ERDS2TJ562	C	5.6KOHM	J	1/4W
	R864	ERDS2TJ472	C	4.7KOHM	J	1/4W
	R866	ERDS2TJ103	C	10KOHM	J	1/4W
	R867	ERF2AK1R2	W	1.2 OHM	K	2W
	R881	ERC12ZGK335	S	3.3MOHM	K	1/2W
	R901	ERDS1FJ102	C (for TX-29P100T)	1KOHM	J	1/2W
	R902	ERDS2TJ333	C	33KOHM	J	1/4W
	R903	ERDS2TJ183	C	18KOHM	J	1/4W
	R904	ERDS2TJ682	C	6.8KOHM	J	1/4W
	R905	ERDS2TJ472	C	4.7KOHM	J	1/4W
	R907	ERDS2TJ510	C (for TX-29P100T)	51 OHM	J	1/4W
	R907	ERDS2TJ271	C (for TX-33P100T)	270 OHM	J	1/4W
	R908	ERDS2TJ391	C (for TX-29P100T)	390 OHM	J	1/4W
	R908	ERDS2TJ222	C (for TX-33P100T)	2.2KOHM	J	1/4W
	R917	ERDS2TJ101	C	100 OHM	J	1/4W
△	R950	ERQ1CJP331S	F	330 OHM	J	1W
	R951	ERDS2TJ271	C	270 OHM	J	1/4W
	R952	ERDS2TJ561	C	560 OHM	J	1/4W
	R953	ERDS2TJ271	C	270 OHM	J	1/4W
	R954	ERDS1FJ561	C	560 OHM	J	1/2W
	R955	ERDS2TJ271	C	270 OHM	J	1/4W
	R956	ERDS1FJ561	C	560 OHM	J	1/2W
	R957	ERDS1TJ330	C	33 OHM	J	1/2W
	R958	ERDS1TJ330	C	33 OHM	J	1/2W
△	R960	ERQ14AJ100P	F	10 OHM	J	1/4W
△	R962	ERQ14AJ120P	F (for TX-29P100T)	12 OHM	J	1/4W
△	R962	ERQ14AJ270P	F (for TX-33P100T)	27 OHM	J	1/4W
△	R963	ERQ14AJ120P	F (for TX-29P100T)	12 OHM	J	1/4W
△	R963	ERQ14AJ270P	F (for TX-33P100T)	27 OHM	J	1/4W
	R964	ERDS2TJ222	C	2.2KOHM	J	1/4W
	R965	ERDS2TJ683	C	68KOHM	J	1/4W
	R966	ERG3FJS151D	M	150 OHM	J	3W
	R967	ERDS2TJ683	C	68KOHM	J	1/4W
	R968	ERDS2TJ222	C	2.2KOHM	J	1/4W
	R969	ERDS1FJ390	C	39 OHM	J	1/2W
	R970	ERDS2TJ2R7	C	2.7 OHM	J	1/4W
	R971	ERDS2TJ2R7	C	2.7 OHM	J	1/4W
	R972	ERDS1FJ390	C	39 OHM	J	1/2W
	R973	ERDS1FJ121	C	120 OHM	J	1/2W
	R1001	ERJ6GEYJ103	M	10KOHM	J	1/10W
	R1002	ERJ6GEYJ123	M	12KOHM	J	1/10W
	R1003	ERJ6GEYJ333	M	33KOHM	J	1/10W
	R1004	ERJ6GEYJ332	M	3.3KOHM	J	1/10W
	R1005	ERJ6GEYJ682	M	6.8KOHM	J	1/10W
	R1006	ERJ6GEYJ223	M	22KOHM	J	1/10W

Ref. No	Part No.	Description			
R1007	ERJ6GEYJ472	M	4.7KOHM	J	1/10W
R1008	ERJ6GEYJ332	M	3.3KOHM	J	1/10W
R1009	ERJ6GEYJ103	M	10KOHM	J	1/10W
R1010	ERJ6GEYJ123	M	12KOHM	J	1/10W
R1011	ERJ6GEYJ102	M	1KOHM	J	1/10W
R1013	ERDS2TJ103	C	10KOHM	J	1/4W
R1014	ERJ6GEYJ103	M	10KOHM	J	1/10W
R1015	ERDS2TJ103	C	10KOHM	J	1/4W
R1016	ERJ6GEYJ103	M	10KOHM	J	1/10W
R1017	ERJ6GEYJ103	M	10KOHM	J	1/10W
R1037	ERDS2TJ103	C	10KOHM	J	1/4W
R1038	ERDS2TJ153	C	15KOHM	J	1/4W
R1039	ERDS2TJ103	C	10KOHM	J	1/4W
R1040	ERDS2TJ683	C	68KOHM	J	1/4W
R1042	ERDS2TJ102	C	1KOHM	J	1/4W
R1044	ER0S2CKF2201	M	2.2KOHM	F	1/4W
R1045	ER0S2CKF2201	M	2.2KOHM	F	1/4W
R1046	ER0S2CKF3301	M	3.3KOHM	F	1/4W
R1047	ER0S2CKF5101	M	5.1KOHM	F	1/4W
R1048	ER0S2CKF9101	M	9.1KOHM	F	1/4W
R1049	ER0S2CKF2202	M	22KOHM	F	1/4W
R1050	ERDS2TJ470	C	47 OHM	J	1/4W
R1068	ERDS1FJ2R2	C	2.2 OHM	J	1/2W
R1069	ERDS1FJ6R8	C	6.8 OHM	J	1/2W
R1080	ERDS2TJ332	C	3.3KOHM	J	1/4W
R1081	ERDS2TJ222	C	2.2KOHM	J	1/4W
R1082	ERDS2TJ472	C	4.7KOHM	J	1/4W
R1083	ERDS2TJ123	C	12KOHM	J	1/4W
R1084	ERDS2TJ821	C	820 OHM	J	1/4W
R1085	ERDS2TJ332	C	3.3KOHM	J	1/4W
R1086	ERDS2TJ272	C	2.7KOHM	J	1/4W
R1101	ERJ6GEYJ103	M	10KOHM	J	1/10W
R1102	ERJ6GEYJ103	M	10KOHM	J	1/10W
R1103	ERJ6GEYJ222	M	2.2KOHM	J	1/10W
R1104	ERJ6GEYJ222	M	2.2KOHM	J	1/10W
R1105	ERJ6GEYJ102	M	1KOHM	J	1/10W
R1106	ERJ6GEYJ102	M	1KOHM	J	1/10W
R1107	ERJ6GEYJ103	M	10KOHM	J	1/10W
R1108	ERJ6GEYJ102	M	1KOHM	J	1/10W
R1109	ERJ6GEYJ102	M	1KOHM	J	1/10W
R1110	ERJ6GEYJ103	M	10KOHM	J	1/10W
R1112	ERJ6GEYJ471	M	470 OHM	J	1/10W
R1114	ERJ6GEYJ104	M	100KOHM	J	1/10W
R1115	ERJ6GEYJ223	M	22KOHM	J	1/10W
R1116	ERJ6GEYJ473	M	47KOHM	J	1/10W
R1117	ERJ6GEYJ223	M	22KOHM	J	1/10W
R1118	ERJ6GEYJ472	M	4.7KOHM	J	1/10W
R1119	ERJ6GEYJ103	M	10KOHM	J	1/10W
R1120	ERJ6GEYJ103	M	10KOHM	J	1/10W
R1121	ERJ6GEYJ103	M	10KOHM	J	1/10W
R1122	ERJ6GEYJ103	M	10KOHM	J	1/10W
R1123	ERJ6GEYJ473	M	47KOHM	J	1/10W
R1124	ERJ6GEYJ103	M	10KOHM	J	1/10W
R1125	ERJ6GEYJ102	M	1KOHM	J	1/10W
R1126	ERJ6GEYJ272	M	2.7KOHM	J	1/10W
R1127	ERJ6GEYJ103	M	10KOHM	J	1/10W
R1128	ERJ6GEYJ101	M	100 OHM	J	1/10W
R1129	ERJ6GEYJ101	M	100 OHM	J	1/10W
R1130	ERJ6GEYJ101	M	100 OHM	J	1/10W
R1131	ERJ6GEYJ393	M	39KOHM	J	1/10W
R1132	ERJ6GEYJ561	M	560 OHM	J	1/10W
R1133	ERJ6GEYJ103	M	10KOHM	J	1/10W
R1134	ERJ6GEYJ182	M	1.8KOHM	J	1/10W
R1135	ERJ6GEYJ681	M	680 OHM	J	1/10W
R1136	ERJ6GEYJ182	M	1.8KOHM	J	1/10W
R1138	ERJ6GEYJ103	M	10KOHM	J	1/10W
R1139	ERJ6GEYJ151	M	150 OHM	J	1/10W
R1140	ERJ6GEY0R00	M	0 OHM	J	1/10W
R1141	ERJ6GEYJ472	M	4.7KOHM	J	1/10W
R1142	ERJ6GEYJ103	M	10KOHM	J	1/10W

Ref. No	Part No.	Description			
R1143	ERJ6GEYJ473	M	47KOHM	J	1/10W
R1144	ERDS2TJ220	C	22 OHM	J	1/4W
R1145	ERJ6GEYJ220	M	22 OHM	J	1/10W
R1146	ERJ6GEYJ222	M	2.2KOHM	J	1/10W
R1147	ERJ6GEYJ222	M	2.2KOHM	J	1/10W
R1148	ERJ6GEYJ101	M	100 OHM	J	1/10W
R1149	ERJ6GEYJ101	M	100 OHM	J	1/10W
R1152	ERJ6GEYJ472	M	4.7KOHM	J	1/10W
R1153	ERJ6GEYJ103	M	10KOHM	J	1/10W
R1154	ERJ6GEYJ682	M	6.8KOHM	J	1/10W
△ R1155	ERQ14AJ220P	F	22 OHM	J	1/4W
R1156	ERJ6GEYJ472	M	4.7KOHM	J	1/10W
R1157	ERJ6GEYJ103	M	10KOHM	J	1/10W
R1158	ERJ6GEYJ220	M	22 OHM	J	1/10W
R1159	ERJ6GEYJ220	M	22 OHM	J	1/10W
R1160	ERJ6GEYJ103	M	10KOHM	J	1/10W
R1161	ERJ6GEYJ103	M	10KOHM	J	1/10W
R1162	ERDS2TJ103	C	10KOHM	J	1/4W
R1163	ERJ6GEYJ103	M	10KOHM	J	1/10W
R1164	ERJ6GEYJ103	M	10KOHM	J	1/10W
R1165	ERJ6GEYJ223	M	22KOHM	J	1/10W
R1166	ERJ6GEYJ102	M	1KOHM	J	1/10W
R1167	ERJ6GEYJ103	M	10KOHM	J	1/10W
R1169	ERJ6GEYJ103	M	10KOHM	J	1/10W
R1170	ERJ6GEYJ103	M	10KOHM	J	1/10W
R1171	ERJ6GEYJ103	M	10KOHM	J	1/10W
R1172	ERJ6GEYJ473	M	47KOHM	J	1/10W
R1173	ERJ6GEYJ102	M	1KOHM	J	1/10W
R1174	ERJ6GEYJ103	M	10KOHM	J	1/10W
R1177	ERJ6GEYJ101	M	100 OHM	J	1/10W
R1181	ERJ6GEYJ472	M	4.7KOHM	J	1/10W
R1184	ERJ6GEYJ102	M	1KOHM	J	1/10W
R1185	ERJ6GEYJ393	M	39KOHM	J	1/10W
R1186	ERJ6GEYJ271	M	270 OHM	J	1/10W
R1301	ERJ3GEYJ333	M	33KOHM	J	1/16W
R1302	ERJ3GEYJ183	M	18KOHM	J	1/16W
R1303	ERJ6ENF1001	M	1KOHM		1/10W
R1304	ERJ3GEYJ680	M	68 OHM	J	1/16W
R1305	ERJ3GEYJ560	M	56 OHM	J	1/16W
R1306	ERJ3GEYJ560	M	56 OHM	J	1/16W
R1307	ERJ3GEYJ681	M	680 OHM	J	1/16W
R1309	ERJ3GEYJ103	M	10KOHM	J	1/16W
R1310	ERJ3GEYJ333	M	33KOHM	J	1/16W
R1311	ERJ3GEYJ183	M	18KOHM	J	1/16W
R1312	ERJ6ENF1001	M	1KOHM		1/10W
R1313	ERJ6ENF2200	M	220 OHM		1/10W
R1314	ERJ6ENF1001	M	1KOHM		1/10W
R1316	ERJ6ENF1501	M	1.5KOHM		1/10W
R1317	ERJ3GEYJ560	M	56 OHM	J	1/16W
R1318	ERJ3GEYJ561	M	560 OHM	J	1/16W
R1320	ERJ6ENF1001	M	1KOHM		1/10W
R1321	ERJ3GEYJ560	M	56 OHM	J	1/16W
R1322	ERJ3GEYJ102	M	1KOHM	J	1/16W
R1323	ERJ3GEYJ561	M	560 OHM	J	1/16W
R1324	ERJ3GEYJ561	M	560 OHM	J	1/16W
R1325	ERJ3GEYJ101	M	100 OHM	J	1/16W
R1326	ERJ3GEYJ680	M	68 OHM	J	1/16W
R1327	ERJ3GEYJ101	M	100 OHM	J	1/16W
R1328	ERJ3GEYJ561	M	560 OHM	J	1/16W
R1329	ERJ3GEYJ560	M	56 OHM	J	1/16W
R1330	ERJ3GEYJ101	M	100 OHM	J	1/16W
R1331	ERJ3GEYJ681	M	680 OHM	J	1/16W
R1332	ERJ3GEYJ560	M	56 OHM	J	1/16W
R1333	ERJ3GEYJ560	M	56 OHM	J	1/16W
R1334	ERJ6ENF2200	M	220 OHM		1/10W
R1335	ERJ3GEYJ560	M	56 OHM	J	1/16W
R1336	ERJ6ENF1501	M	1.5KOHM		1/10W
R1337	ERJ3GEYJ101	M	100 OHM	J	1/16W
R1338	ERJ3GEYJ101	M	100 OHM	J	1/16W
R1339	ERJ3GEYJ101	M	100 OHM	J	1/16W

Ref. No	Part No.	Description			
R1340	ERJ6GEYJ331	M	330 OHM	J	1/10W
R1341	ERJ3GEYJ560	M	56 OHM	J	1/16W
R1342	ERJ3GEYJ560	M	56 OHM	J	1/16W
R1343	ERJ6GEYJ331	M	330 OHM	J	1/10W
R1344	ERJ3GEYJ560	M	56 OHM	J	1/16W
R1345	ERJ3GEYJ101	M	100 OHM	J	1/16W
R1346	ERJ3GEYJ560	M	56 OHM	J	1/16W
R1347	ERJ6GEYJ331	M	330 OHM	J	1/10W
R1348	ERJ3GEYJ560	M	56 OHM	J	1/16W
R1349	ERJ3GEYJ560	M	56 OHM	J	1/16W
R1350	ERJ6ENF3162	M	31.6KOHM		1/10W
R1351	ERJ3GEYJ560	M	56 OHM	J	1/16W
R1352	ERJ3GEYJ561	M	560 OHM	J	1/16W
R1353	ERJ3GEYJ561	M	560 OHM	J	1/16W
R1354	ERJ3GEYJ560	M	56 OHM	J	1/16W
R1355	ERJ3GEYJ560	M	56 OHM	J	1/16W
R1356	ERJ3GEYJ560	M	56 OHM	J	1/16W
R1357	ERJ3GEY0R00	M	0 OHM		1/16W
R1358	ERJ6ENF8200	M	820 OHM		1/10W
R1359	ERJ3GEY0R00	M	0 OHM		1/16W
R1360	ERJ3GEYJ101	M	100 OHM	J	1/16W
R1361	ERJ3GEYJ103	M	10KOHM	J	1/16W
R1362	ERJ3GEYJ473	M	47KOHM	J	1/16W
R1363	ERJ3GEYJ560	M	56 OHM	J	1/16W
R1364	ERJ3GEYJ151	M	150 OHM	J	1/16W
R1365	ERJ3GEYJ102	M	1KOHM	J	1/16W
R1366	ERJ3GEYJ103	M	10KOHM	J	1/16W
R1368	ERJ3GEYJ102	M	1KOHM	J	1/16W
R1369	ERJ3GEYJ560	M	56 OHM	J	1/16W
R1370	ERJ3GEYJ332	M	3.3KOHM	J	1/16W
R1371	ERJ3GEYJ222	M	2.2KOHM	J	1/16W
R1372	ERJ3GEYJ681	M	680 OHM	J	1/16W
R1373	ERJ3GEYJ560	M	56 OHM	J	1/16W
R1374	ERJ3GEYJ393	M	39KOHM	J	1/16W
R1375	ERJ3GEYJ561	M	560 OHM	J	1/16W
R1376	ERJ3GEY0R00	M	0 OHM		1/16W
R1377	ERJ3GEY0R00	M	0 OHM		1/16W
R1378	ERJ3GEYJ560	M	56 OHM	J	1/16W
R1379	ERJ3GEYJ560	M	56 OHM	J	1/16W
R1380	ERJ3GEYJ221	M	220 OHM	J	1/16W
R1381	ERJ3GEY0R00	M	0 OHM		1/16W
R1382	ERJ3GEYJ221	M	220 OHM	J	1/16W
R1383	ERJ6ENF1002	M	10KOHM		1/10W
R1384	ERJ6ENF2401	M	2.4KOHM		1/10W
R1385	ERJ6ENF47R0	M	47 OHM		1/10W
R1386	ERJ3GEYJ101	M	100 OHM	J	1/16W
R1387	ERJ3GEYJ101	M	100 OHM	J	1/16W
R1388	ERJ3GEYJ562	M	5.6KOHM	J	1/16W
R1389	ERJ3GEYJ101	M	100 OHM	J	1/16W
R1390	ERJ6GEY0R00	M	0 OHM	J	1/10W
R1391	ERJ3GEYJ103	M	10KOHM	J	1/16W
R1392	ERJ3GEYJ273	M	27KOHM	J	1/16W
R1393	ERJ3GEYJ562	M	5.6KOHM	J	1/16W
R1394	ERJ3GEYJ103	M	10KOHM	J	1/16W
R1395	ERJ3GEYJ273	M	27KOHM	J	1/16W
R1396	ERJ6ENF2212	M	22.1KOHM		1/10W
R1397	ERJ3GEYJ103	M	10KOHM	J	1/16W
R1399	ERJ3GEYJ472	M	4.7KOHM	J	1/16W
R1400	ERJ3GEYJ102	M	1KOHM	J	1/16W
R1401	ERJ6GEYJ331	M	330 OHM	J	1/10W
R1403	ERJ3GEYJ433	M	43KOHM	J	1/16W
R1406	ERJ3GEYJ101	M	100 OHM	J	1/16W
R1407	ERJ3GEYJ102	M	1KOHM	J	1/16W
R1408	ERJ3GEYJ102	M	1KOHM	J	1/16W
R1409	ERJ3GEYJ102	M	1KOHM	J	1/16W
R1410	ERJ3GEYJ153	M	15KOHM	J	1/16W
R1411	ERJ3GEYJ100	M	10 OHM	J	1/16W
R1412	ERJ6GEYJ102	M	1KOHM	J	1/10W
R1413	ERJ3GEYJ103	M	10KOHM	J	1/16W
R1414	ERJ3GEYJ223	M	22KOHM	J	1/16W

Ref. No	Part No.	Description				
R1415	ERJ3GEYJ105	M	1MOHM	J	1/16W
R1416	ERJ3GEYJ472	M	4.7KOHM	J	1/16W
R1417	ERJ3GEYJ473	M	47KOHM	J	1/16W
R1418	ERJ3GEYJ151	M	150 OHM	J	1/16W
R1419	ERJ3GEYJ222	M	2.2KOHM	J	1/16W
R1422	ERJ3GEYJ682	M	6.8KOHM	J	1/16W
R1423	ERJ6GEYJ151	M	150 OHM	J	1/10W
R1424	ERJ3GEYJ394	M	390KOHM	J	1/16W
R1425	ERJ6ENF1202	M	12KOHM		1/10W
R1426	ERJ6ENF2202	M	2.2KOHM		1/10W
R1427	ERJ6GEYJ151	M	150 OHM	J	1/10W
R1430	ERJ6GEYJ121	M	120 OHM	J	1/10W
R1431	ERJ3GEYJ272	M	2.7KOHM	J	1/16W
R1432	ERJ3GEYJ103	M	10KOHM	J	1/16W
R1433	ERJ3GEYJ103	M	10KOHM	J	1/16W
R1434	ERJ6GEYJ181	M	180 OHM	J	1/10W
R1435	ERJ3GEYJ102	M	1KOHM	J	1/16W
R1436	ERJ3GEYJ102	M	1KOHM	J	1/16W
R1437	ERJ6GEYJ151	M	150 OHM	J	1/10W
R1438	ERJ3GEYJ561	M	560 OHM	J	1/16W
R1439	ERJ3GEYJ103	M	10KOHM	J	1/16W
R1440	ERJ3GEYJ103	M	10KOHM	J	1/16W
R1441	ERJ6GEYJ561	M	560 OHM	J	1/10W
R1447	ERJ3GEYJ102	M	1KOHM	J	1/16W
R1448	ERJ3GEYJ102	M	1KOHM	J	1/16W
R1449	ERJ3GEYJ221	M	220 OHM	J	1/16W
R1455	ERJ3GEYJ560	M	56 OHM	J	1/16W
R1456	ERJ3GEYJ560	M	56 OHM	J	1/16W
R1457	ERJ3GEYJ470	M	47 OHM	J	1/16W
R1458	ERJ3GEYJ470	M	47 OHM	J	1/16W
R1459	ERJ3GEYJ560	M	56 OHM	J	1/16W
R1460	ERJ3GEYJ560	M	56 OHM	J	1/16W
R1461	ERJ3GEYJ103	M	10KOHM	J	1/16W
R1462	ERJ3GEYJ103	M	10KOHM	J	1/16W
R1463	ERJ6GEYJ271	M	270 OHM	J	1/10W
R1464	ERJ3GEYJ331	M	330 OHM	J	1/16W
R1465	ERJ3GEYJ561	M	560 OHM	J	1/16W
R1466	ERJ3GEYJ331	M	330 OHM	J	1/16W
R1467	ERJ3GEYJ561	M	560 OHM	J	1/16W
R1468	ERJ3GEYJ331	M	330 OHM	J	1/16W
R1469	ERJ3GEYJ561	M	560 OHM	J	1/16W
R1470	ERJ3GEYJ331	M	330 OHM	J	1/16W
R1471	ERJ6ENF6040	M	604 OHM		1/10W
R1472	ERJ3GEYJ221	M	220 OHM	J	1/16W
R1473	ERJ6ENF2200	M	220 OHM		1/10W
R1474	ERJ6ENF2050	M	205 OHM		1/10W
R1475	ERJ6ENF2550	M	255 OHM		1/10W
R1476	ERJ3GEYJ822	M	8.2KOHM	J	1/16W
R1477	ERJ3GEYJ821	M	820 OHM	J	1/16W
R1479	ERJ3GEYJ822	M	8.2KOHM	J	1/16W
R1480	ERJ3GEYJ332	M	3.3KOHM	J	1/16W
R1482	ERJ3GEYJ471	M	470 OHM	J	1/16W
R1486	ERJ3GEYJ101	M	100 OHM	J	1/16W
R1487	ERJ3GEYJ101	M	100 OHM	J	1/16W
R1492	ERJ3GEYJ101	M	100 OHM	J	1/16W
R1493	ERJ3GEYJ101	M	100 OHM	J	1/16W
R1509	ERJ6ENF1001	M	1KOHM		1/10W
R1510	ERJ6ENF1001	M	1KOHM		1/10W
R1511	ERJ6GEYJ471	M	470 OHM	J	1/10W
R1512	ERJ6ENF1690	M	169 OHM		1/10W
R1513	ERJ6ENF22R0	M	22 OHM		1/10W
R1520	ERJ6GEYJ223	M	22KOHM	J	1/10W
R1524	ERJ3GEY0R00	M	0 OHM		1/16W
R2250	ERDS2TJ152	C	1.5KOHM	J	1/4W
R2251	ERDS2TJ152	C	1.5KOHM	J	1/4W
R2254	ERDS1FJ471	C	470 OHM	J	1/2W
R2255	ERDS1FJ471	C	470 OHM	J	1/2W
R2256	ERDS1FJ561	C	560 OHM	J	1/2W
R2257	ERDS1FJ561	C	560 OHM	J	1/2W
R2259	ERDS2TJ103	C	10KOHM	J	1/4W
R2260	ERDS1FJ561	C	560 OHM	J	1/2W
R2267	ERDS2TJ184	C	180KOHM	J	1/4W
R2268	ERDS2TJ184	C	180KOHM	J	1/4W
R2269	ERDS1FJ121	C	120 OHM	J	1/2W
R2270	ERDS1FJ121	C	120 OHM	J	1/2W
R2271	ERDS2TJ153	C	15KOHM	J	1/4W
R2272	ERDS2TJ822	C	8.2KOHM	J	1/4W
R2273	ERDS2TJ122	C	1.2KOHM	J	1/4W
R2274	ERDS2TJ104	C	100KOHM	J	1/4W
R2275	ERDS2TJ473	C	47KOHM	J	1/4W
R2276	ERDS2TJ472	C	4.7KOHM	J	1/4W
R2301	ERJ6GEYJ151	M	150 OHM	J	1/10W
R2302	ERJ6GEYJ103	M	10KOHM	J	1/10W
R2303	ERJ6GEYJ472	M	4.7KOHM	J	1/10W
R2304	ERDS2TJ122	C	1.2KOHM	J	1/4W
R2305	ERJ6GEYJ273	M	27KOHM	J	1/10W
R2306	ERJ6GEYJ393	M	39KOHM	J	1/10W
R2308	ERJ6GEYJ102	M	1KOHM	J	1/10W
R2309	ERX3FJ4R7H	M	4.7 OHM	J	3W
		(for TX-29P100T)			
R2309	ERX3FJS4R7D	M	4.7 OHM	J	3W
		(for TX-33P100T)			
R2310	ERJ6GEYJ102	M	1KOHM	J	1/10W
R2311	ERJ6GEYJ223	M	22KOHM	J	1/10W
R2312	ERJ6GEYJ562	M	5.6KOHM	J	1/10W
R2313	ERJ6GEYJ151	M	150 OHM	J	1/10W
R2314	ERJ6GEYJ752	M	7.5KOHM	J	1/10W
R2315	ERJ6GEYJ472	M	4.7KOHM	J	1/10W
R2316	ERJ6GEYJ122	M	1.2KOHM	J	1/10W
R2317	ERG1FJS102D	M	1KOHM	J	1W
R2318	ERG1FJS102D	M	1KOHM	J	1W
R2319	ERJ6GEYJ332	M	3.3KOHM	J	1/10W
R2320	ERJ6GEYJ332	M	3.3KOHM	J	1/10W
R2321	ERJ6GEYJ102	M	1KOHM	J	1/10W
R2322	ERJ6GEYJ331	M	330 OHM	J	1/10W
R2323	ERJ6GEYJ393	M	39KOHM	J	1/10W
R2324	ERJ6GEYJ272	M	2.7KOHM	J	1/10W
R2325	ERJ6GEYJ151	M	150 OHM	J	1/10W
R2326	ERJ6GEYJ473	M	47KOHM	J	1/10W
R2327	ERJ6GEYJ223	M	22KOHM	J	1/10W
R2328	ERJ6GEYJ223	M	22KOHM	J	1/10W
R2329	ERX3FJ4R7H	M	4.7 OHM	J	3W
		(for TX-29P100T)			
R2329	ERX3FJS4R7D	M	4.7 OHM	J	3W
		(for TX-33P100T)			
R2330	ERG1FJS102D	M	1KOHM	J	1W
R2331	ERG1FJS102D	M	1KOHM	J	1W
R2332	ERJ6GEYJ331	M	330 OHM	J	1/10W
R2333	ERJ6GEYJ331	M	330 OHM	J	1/10W
R2434	ERJ6GEYJ153	M	15KOHM	J	1/10W
R2435	ERJ6GEYJ104	M	100KOHM	J	1/10W
R2436	ERJ6GEYJ224	M	220KOHM	J	1/10W
R2437	ERJ6GEYJ560	M	56 OHM	J	1/10W
R2438	ERJ6GEYJ560	M	56 OHM	J	1/10W
R2439	ERJ6GEYJ472	M	4.7KOHM	J	1/10W
R2440	ERDS2TJ103	C	10KOHM	J	1/4W
R2441	ERDS2TJ183	C	18KOHM	J	1/4W
R2442	ERJ6GEYJ562	M	5.6KOHM	J	1/10W
R2445	ERJ6GEYJ153	M	15KOHM	J	1/10W
R2445	ERJ6GEY0R00	M	0 OHM	J	1/10W
R2446	ERJ6GEYJ473	M	47KOHM	J	1/10W
R2449	ERJ6GEYJ104	M	100KOHM	J	1/10W
R2450	ERJ6GEYJ473	M	47KOHM	J	1/10W
R2451	ERJ6GEYJ823	M	82KOHM	J	1/10W
R2452	ERJ6GEYJ222	M	2.2KOHM	J	1/10W
R2453	ERJ6GEYJ103	M	10KOHM	J	1/10W
R2455	ERJ6GEYJ105	M	1MOHM	J	1/10W
R2456	ERJ6GEYJ823	M	82KOHM	J	1/10W
R2457	ERJ6GEYJ103	M	10KOHM	J	1/10W
R2458	ERJ6GEYJ472	M	4.7KOHM	J	1/10W

Ref. No	Part No.	Description			
R2463	ERJ6GEYJ103	M	10KOHM	J	1/10W
R2464	ERJ6GEYJ222	M	2.2KOHM	J	1/10W
R2465	ERJ6GEYJ103	M	10KOHM	J	1/10W
R2466	ERJ6GEYJ153	M	15KOHM	J	1/10W
R2466	ERJ6GEY0R00	M	0 OHM	J	1/10W
R2468	ERJ6GEYJ393	M	39KOHM	J	1/10W
R2469	ERJ6GEYJ393	M	39KOHM	J	1/10W
R2501	ER0S2CKF75R0	M	75 OHM	F	1/4W
R2503	ERDS2TJ333	C	33KOHM	J	1/4W
R2504	ERDS2TJ101	C	100 OHM	J	1/4W
R2506	ER0S2CKF75R0	M	75 OHM	F	1/4W
R2507	ERDS2TJ220	C	22 OHM	J	1/4W
R2508	ERDS2TJ333	C	33KOHM	J	1/4W
R2509	ERDS2TJ101	C	100 OHM	J	1/4W
R2511	ER0S2CKF75R0	M	75 OHM	F	1/4W
R2512	ERDS2TJ220	C	22 OHM	J	1/4W
R2516	ERDS2TJ220	C	22 OHM	J	1/4W
R2526	ERJ6GEYJ562	M	5.6KOHM	J	1/10W
R2527	ERJ6GEYJ182	M	1.8KOHM	J	1/10W
R2528	ERJ6GEYJ222	M	2.2KOHM	J	1/10W
△ R2529	ERQ2CJP3R3S	F	3.3 OHM	J	2W
R2530	ERJ6GEYJ1R0	M	1 OHM	J	1/10W
R2531	ERJ6GEYJ183	M	18KOHM	J	1/10W
R2532	ERJ6GEYJ103	M	10KOHM	J	1/10W
R2533	ERJ6GEYJ103	M	10KOHM	J	1/10W
R2534	ERJ6GEYJ183	M	18KOHM	J	1/10W
R2535	ERJ6GEYJ103	M	10KOHM	J	1/10W
R2536	ERJ6GEYJ153	M	15KOHM	J	1/10W
R2538	ERDS2TJ103	C	10KOHM	J	1/4W
R2540	ERDS2TJ822	C	8.2KOHM	J	1/4W
R2541	ERDS2TJ183	C	18KOHM	J	1/4W
R2542	ERJ6GEYJ332	M	3.3KOHM	J	1/10W
R2543	ERJ6GEYJ103	M	10KOHM	J	1/10W
R2544	ERJ6GEYJ682	M	6.8KOHM	J	1/10W
R2545	ERJ6GEYJ183	M	18KOHM	J	1/10W
R2546	ERJ6GEYJ103	M	10KOHM	J	1/10W
R2547	ERJ6GEYJ103	M	10KOHM	J	1/10W
R2548	ERJ6GEYJ183	M	18KOHM	J	1/10W
R2549	ERJ6GEYJ103	M	10KOHM	J	1/10W
R2550	ERJ6GEYJ153	M	15KOHM	J	1/10W
R2552	ERJ6GEYJ103	M	10KOHM	J	1/10W
R2554	ERDS2TJ822	C	8.2KOHM	J	1/4W
R2555	ERJ6GEYJ183	M	18KOHM	J	1/10W
R2556	ERJ6GEYJ332	M	3.3KOHM	J	1/10W
R2557	ERJ6GEYJ103	M	10KOHM	J	1/10W
R2558	ERDS2TJ682	C	6.8KOHM	J	1/4W
R2561	ERJ6GEYJ103	M	10KOHM	J	1/10W
R2562	ERJ6GEYJ103	M	10KOHM	J	1/10W
R2563	ERJ6GEYJ473	M	47KOHM	J	1/10W
R2564	ERJ6GEYJ103	M	10KOHM	J	1/10W
R2565	ERJ6GEYJ103	M	10KOHM	J	1/10W
R2566	ERJ6GEYJ102	M	1KOHM	J	1/10W
R2567	ERJ6GEYJ272	M	2.7KOHM	J	1/10W
R3001	ERDS2TJ153	C	15KOHM	J	1/4W
R3002	ERDS2TJ122	C	1.2KOHM	J	1/4W
R3003	ERDS2TJ102	C	1KOHM	J	1/4W
R3004	ERDS2TJ391	C	390 OHM	J	1/4W
R3005	ERDS2TJ471	C	470 OHM	J	1/4W
R3006	ERJ6GEYJ561	M	560 OHM	J	1/10W
R3007	ERDS2TJ104	C	100KOHM	J	1/4W
R3008	ERJ6GEYJ331	M	330 OHM	J	1/10W
R3009	ERDS2TJ183	C	18KOHM	J	1/4W
R3010	ERJ6GEYJ561	M	560 OHM	J	1/10W
R3011	ERDS2TJ823	C	82KOHM	J	1/4W
R3012	ERDS2TJ223	C	22KOHM	J	1/4W
R3013	ERDS2TJ333	C	33KOHM	J	1/4W
R3014	ERDS2TJ561	C	560 OHM	J	1/4W
R3015	ERJ6GEYJ331	M	330 OHM	J	1/10W
R3016	ERDS2TJ272	C	2.7KOHM	J	1/4W
△ R3017	ERQ14AJ100P	F	10 OHM	J	1/4W

Ref. No	Part No.	Description			
R3018	ERDS2TJ153	C	15KOHM	J	1/4W
R3019	ERDS2TJ122	C	1.2KOHM	J	1/4W
R3020	ERJ6GEY0R00	M	0 OHM	J	1/10W
R3021	ERJ6GEYJ102	M	1KOHM	J	1/10W
R3022	ERJ6GEYJ221	M	220 OHM	J	1/10W
R3023	ERJ6GEYJ221	M	220 OHM	J	1/10W
R3024	ERDS2TJ391	C	390 OHM	J	1/4W
R3025	ERJ6GEYJ561	M	560 OHM	J	1/10W
R3026	ERDS2TJ102	C	1KOHM	J	1/4W
R3027	ERJ6GEYJ102	M	1KOHM	J	1/10W
R3028	ERJ6GEYJ102	M	1KOHM	J	1/10W
R3029	ERJ6ENF75R0	M	75 OHM		1/10W
R3030	ERDS2TJ471	C	470 OHM	J	1/4W
R3031	ERJ6GEYJ561	M	560 OHM	J	1/10W
R3032	ERJ6GEYJ331	M	330 OHM	J	1/10W
R3033	ERJ6GEYJ331	M	330 OHM	J	1/10W
R3034	ERJ6GEYJ331	M	330 OHM	J	1/10W
R3035	ERJ6GEYJ331	M	330 OHM	J	1/10W
△ R3036	ERQ14AJ100P	F	10 OHM	J	1/4W
R3037	ERDS2TJ104	C	100KOHM	J	1/4W
R3038	ERDS2TJ183	C	18KOHM	J	1/4W
R3039	ERJ6GEYJ184	M	180KOHM	J	1/10W
R3040	ERJ6GEYJ102	M	1KOHM	J	1/10W
R3041	ERJ6GEYJ331	M	330 OHM	J	1/10W
R3042	ERDS2TJ823	C	82KOHM	J	1/4W
R3043	ERJ6GEYJ102	M	1KOHM	J	1/10W
R3044	ERJ6GEYJ331	M	330 OHM	J	1/10W
R3045	ERDS2TJ223	C	22KOHM	J	1/4W
R3046	ERDS2TJ333	C	33KOHM	J	1/4W
R3047	ERDS2TJ561	C	560 OHM	J	1/4W
R3048	ERJ6GEYJ331	M	330 OHM	J	1/10W
R3049	ERDS2TJ272	C	2.7KOHM	J	1/4W
R3050	ERJ6GEYJ184	M	180KOHM	J	1/10W
R3051	ERJ6GEYJ103	M	10KOHM	J	1/10W
R3052	ERJ6GEYJ101	M	100 OHM	J	1/10W
R3053	ERJ6GEYJ101	M	100 OHM	J	1/10W
R3054	ERDS1FJ750	C	75 OHM	J	1/2W
R3055	ERJ6GEYJ331	M	330 OHM	J	1/10W
△ R3058	ERQ14AJ100P	F	10 OHM	J	1/4W
R3059	ERJ6GEYJ184	M	180KOHM	J	1/10W
R3060	ERJ6GEYJ184	M	180KOHM	J	1/10W
R3061	ERJ6GEY0R00	M	0 OHM	J	1/10W
R3062	ERJ6GEYJ184	M	180KOHM	J	1/10W
R3063	ERJ6GEYJ102	M	1KOHM	J	1/10W
R3064	ERJ6GEYJ102	M	1KOHM	J	1/10W
R3066	ERJ6GEYJ331	M	330 OHM	J	1/10W
R3067	ERJ6GEYJ221	M	220 OHM	J	1/10W
R3068	ERJ6GEYJ472	M	4.7KOHM	J	1/10W
R3070	ERJ6GEYJ184	M	180KOHM	J	1/10W
R3071	ERJ6GEYJ184	M	180KOHM	J	1/10W
R3072	ERJ6GEYJ472	M	4.7KOHM	J	1/10W
R3073	ERJ6GEYJ750	M	75 OHM	J	1/10W
R3074	ERJ6GEYJ184	M	180KOHM	J	1/10W
R3078	ERJ6GEYJ221	M	220 OHM	J	1/10W
R3079	ERJ6GEYJ103	M	10KOHM	J	1/10W
R3080	ERJ6GEYJ102	M	1KOHM	J	1/10W
R3083	ERJ6GEYJ102	M	1KOHM	J	1/10W
R3084	ERJ6GEYJ680	M	68 OHM	J	1/10W
R3085	ERJ6GEYJ102	M	1KOHM	J	1/10W
R3088	ERJ6ENF75R0	M	75 OHM		1/10W
R3090	ERJ6GEYJ102	M	1KOHM	J	1/10W
R3091	ERJ6GEYJ102	M	1KOHM	J	1/10W
R3093	ERJ6ENF75R0	M	75 OHM		1/10W
R3094	ERJ6GEYJ102	M	1KOHM	J	1/10W
R3095	ERJ6ENF75R0	M	75 OHM		1/10W
R3096	ERJ6GEYJ104	M	100KOHM	J	1/10W
R3097	ERJ6GEYJ104	M	100KOHM	J	1/10W
R3100	ERJ6ENF75R0	M	75 OHM		1/10W
R3102	ERJ6GEYJ103	M	10KOHM	J	1/10W
R3103	ERJ6GEYJ101	M	100 OHM	J	1/10W

Ref. No	Part No.	Description
R3104	ERJ6GEYJ101	M 100 OHM J 1/10W
R3108	ERJ6ENF75R0	M 75 OHM 1/10W
R3109	ERJ6ENF75R0	M 75 OHM 1/10W
R3111	ERJ6ENF75R0	M 75 OHM 1/10W
R3112	ERJ6GEYJ103	M 10KOHM J 1/10W
R3113	ERJ6GEYJ102	M 1KOHM J 1/10W
R3506	ERJ6GEYJ122	M 1.2KOHM J 1/10W
R3507	ERJ6GEYJ330	M 33 OHM J 1/10W
R3508	ERJ6GEYJ330	M 33 OHM J 1/10W
R3509	ERJ6GEYJ330	M 33 OHM J 1/10W
R3510	ERJ6GEYJ122	M 1.2KOHM J 1/10W
R3513	ERJ6GEYJ122	M 1.2KOHM J 1/10W
R3523	ERJ6GEYJ102	M 1KOHM J 1/10W
R3551	ERJ6GEYJ561	M 560 OHM J 1/10W
R3552	ERJ6GEYJ152	M 1.5KOHM J 1/10W
R3553	ERJ6GEYJ221	M 220 OHM J 1/10W
R3554	ERJ6GEYJ121	M 120 OHM J 1/10W
R3555	ERJ6GEYJ561	M 560 OHM J 1/10W
R3556	ERJ6GEYJ121	M 120 OHM J 1/10W
R3557	ERJ6GEYJ681	M 680 OHM J 1/10W
R3558	ERJ6GEYJ681	M 680 OHM J 1/10W
R3559	ERJ6GEYJ121	M 120 OHM J 1/10W
R3560	ERJ6GEYJ102	M 1KOHM J 1/10W
R3561	ERJ6GEYJ681	M 680 OHM J 1/10W
R3562	ERJ6GEYJ103	M 10KOHM J 1/10W
R3573	ERJ6GEYJ472	M 4.7KOHM J 1/10W
R3574	ERJ6GEYJ100	M 10 OHM J 1/10W
R3575	ERJ6GEYJ101	M 100 OHM J 1/10W
R3576	ERJ6GEYJ101	M 100 OHM J 1/10W
R3577	ERJ6GEYJ472	M 4.7KOHM J 1/10W
R3578	ERJ6GEYJ472	M 4.7KOHM J 1/10W
R3579	ERJ6GEYJ101	M 100 OHM J 1/10W
R3582	ERJ6GEYJ474	M 470KOHM J 1/10W
R3584	ERJ6GEYJ471	M 470 OHM J 1/10W
R3585	ERJ6GEY0R00	M 0 OHM J 1/10W
R3587	ERJ6GEYJ273	M 27KOHM J 1/10W
R3588	ERJ6GEYJ823	M 82KOHM J 1/10W
R3591	ERJ6GEYJ103	M 10KOHM J 1/10W
R3592	ERJ6GEYJ101	M 100 OHM J 1/10W
R3593	ERJ6GEYJ101	M 100 OHM J 1/10W
R3594	ERJ6GEYJ103	M 10KOHM J 1/10W
R3595	ERJ6GEYJ101	M 100 OHM J 1/10W
R3596	ERJ6GEYJ101	M 100 OHM J 1/10W
R4001	ERJ6GEYJ101	M 100 OHM J 1/10W
R4002	ERJ6GEYJ101	M 100 OHM J 1/10W
R4003	ERJ6GEYJ101	M 100 OHM J 1/10W
R4005	ERJ6GEYJ101	M 100 OHM J 1/10W
R4006	ERJ6GEY0R00	M 0 OHM J 1/10W
R4009	ERJ6GEYJ101	M 100 OHM J 1/10W
R4010	ERJ6GEYJ101	M 100 OHM J 1/10W
R4011	ERJ6GEYJ101	M 100 OHM J 1/10W
R4012	ERJ6GEYJ101	M 100 OHM J 1/10W
R4014	ERJ6GEYJ101	M 100 OHM J 1/10W
R4016	ERJ6GEYJ101	M 100 OHM J 1/10W
R4017	ERJ6GEYJ182	M 1.8KOHM J 1/10W
R4018	ERJ6GEYJ104	M 100KOHM J 1/10W
R4020	ERJ6GEYJ393	M 39KOHM J 1/10W
R4021	ERJ6GEYJ103	M 10KOHM J 1/10W
R4026	ERJ6GEYJ303	M 30KOHM J 1/10W
R4027	ERJ6GEYJ513	M 51KOHM J 1/10W
R4031	ERJ6GEYJ222	M 2.2KOHM J 1/10W
R4032	ERJ6GEYJ222	M 2.2KOHM J 1/10W
R4033	ERJ6GEYJ101	M 100 OHM J 1/10W
R4034	ERJ6GEYJ101	M 100 OHM J 1/10W
R4038	ERJ6GEYJ222	M 2.2KOHM J 1/10W
R4039	ERJ6GEYJ102	M 1KOHM J 1/10W
R4040	ERDS2TJ221	C 220 OHM J 1/4W
R4041	ERJ6GEYJ102	M 1KOHM J 1/10W
R4042	ERJ6GEYJ101	M 100 OHM J 1/10W
R4043	ERJ6GEYJ101	M 100 OHM J 1/10W

Ref. No	Part No.	Description
R4045	ERJ6GEYJ101	M 100 OHM J 1/10W
R4055	ERJ6GEYJ101	M 100 OHM J 1/10W
R4056	ERJ6GEYJ101	M 100 OHM J 1/10W
R4057	ERDS2TJ101	C 100 OHM J 1/4W
R4066	ERJ6GEYJ331	M 330 OHM J 1/10W
R4068	ERJ6GEYJ331	M 330 OHM J 1/10W
R4070	ERJ6GEYJ331	M 330 OHM J 1/10W
R4072	ERJ6GEYJ331	M 330 OHM J 1/10W
R4801	ERDS2TJ472	C 4.7KOHM J 1/4W
R4803	ERX12SJ2R7	M 2.7 OHM J 1/2W
R4804	ERDS2TJ272	C 2.7KOHM J 1/4W
R4805	ER0S2CKF1331	M 1.33KOHM F 1/4W
R4806	ER0S2CKF3320	M 3.32KOHM F 1/4W
R4807	ER0S2CKF1001	M 1KOHM F 1/4W
R4808	ER0S2CKF3832	M 38.3KOHM F 1/4W
R4809	ER0S2CKF9091	M 9.09KOHM F 1/4W
R4810	ER0S2CKF2213	M 221KOHM F 1/4W
R4811	ER0S2CKF5491	M 5.49KOHM F 1/4W
R4812	ER0S2CKF5621	M 5.62KOHM F 1/4W
R4813	ERDS1FJ3R9	C 3.9 OHM J 1/2W (for TX-33P100T)
R4814	ERG1SJ150P	M 15 OHM J 1W (for TX-33P100T)
R4818	ERX12SJ2R7	M 2.7 OHM J 1/2W (for TX-33P100T)
R4819	ERDS2TJ272	C 2.7KOHM J 1/4W (for TX-33P100T)
R4820	ER0S2CKF1331	M 1.33KOHM F 1/4W (for TX-33P100T)
R4821	ER0S2CKF3320	M 3.32KOHM F 1/4W (for TX-33P100T)
R4822	ER0S2CKF1001	M 1KOHM F 1/4W (for TX-33P100T)
R4823	ERDS2TJ472	C 4.7KOHM J 1/4W (for TX-33P100T)
R4824	ER0S2CKF5621	M 5.62KOHM F 1/4W (for TX-33P100T)
R4825	ER0S2CKF3832	M 38.3KOHM F 1/4W (for TX-33P100T)
R4826	ER0S2CKF2213	M 221KOHM F 1/4W (for TX-33P100T)
R4827	ER0S2CKF9091	M 9.09KOHM F 1/4W (for TX-33P100T)
R4828	ER0S2CKF5491	M 5.49KOHM F 1/4W (for TX-33P100T)
R4829	ERDS2TJ102	C 1KOHM J 1/4W (for TX-33P100T)
R4837	ERDS2TJ102	C 1KOHM J 1/4W (for TX-33P100T)
R4840	ERDS2TJ102	C 1KOHM J 1/4W (for TX-33P100T)
R4841	ERDS2TJ102	C 1KOHM J 1/4W (for TX-33P100T)
R4842	ERDS2TJ101	C 100 OHM J 1/4W (for TX-33P100T)
R4843	ERDS2TJ471	C 470 OHM J 1/4W (for TX-33P100T)
R4844	ERDS2TJ561	C 560 OHM J 1/4W (for TX-33P100T)
R4850	ERDS2TJ104	C 100KOHM J 1/4W (for TX-33P100T)
R4851	ERDS2TJ104	C 100KOHM J 1/4W (for TX-33P100T)
R4852	ERDS2TJ104	C 100KOHM J 1/4W (for TX-33P100T)
R4853	ERDS2TJ104	C 100KOHM J 1/4W (for TX-33P100T)
R4854	ERDS2TJ101	C 100 OHM J 1/4W (for TX-33P100T)
R4855	ERDS2TJ101	C 100 OHM J 1/4W (for TX-33P100T)

Ref. No	Part No.	Description			
R4856	ERDS2TJ102	C	1KOHM	J	1/4W
		(for TX-33P100T)			
R4857	ERDS2TJ102	C	1KOHM	J	1/4W
		(for TX-33P100T)			
R4860	ERDS2TJ822	C	8.2KOHM	J	1/4W
		(for TX-33P100T)			
R4861	EVMEGSA00B23	CONTROL	2KOHMB		
		(for TX-33P100T)			
R4862	ERDS2TJ822	C	8.2KOHM	J	1/4W
		(for TX-33P100T)			
R4863	EVMEGSA00B23	CONTROL	2KOHMB		
		(for TX-33P100T)			
	CAPACITORS				
C001	EEANA1E1R0	E	1UF	25V	
C002	EEANA1E1R0	E	1UF	25V	
C003	ECA1HM330	E	33UF	50V	
C004	ECJ2VF1H103Z	C	0.01UF	Z	50V
C005	ECA1CM471	E	470UF		16V
C006	ECA1CM101	E	100UF		16V
C007	ECJ2VF1H103Z	C	0.01UF	Z	50V
C008	ECA1CM101	E	100UF		16V
C009	ECJ2VF1H103Z	C	0.01UF	Z	50V
C010	ECA1CM221	E	220UF		16V
C011	ECA1HM4R7	E	4.7UF		50V
C012	ECA1HM330	E	33UF		50V
C013	ECA1CM221	E	220UF		16V
C014	ECUX1H561JCX	M	560PF	J	50V
C015	EEUNA1E220	E	22UF		25V
C016	ECJ2VF1H103Z	C	0.01UF	Z	50V
C017	ECA1CM222	E	2200UF		16V
C018	ECA1VM101	E	100UF		35V
C019	ECA1HM220	E	22UF		50V
C020	ECA1CM101	E	100UF		16V
C021	ECUX1H102ZFX	C	1000PF	Z	50V
C022	ECA1HM330	E	33UF		50V
C023	ECKF1H392KB	C	3900PF	K	50V
C024	ECA1VM470	E	47UF		35V
C025	ECA1HM220	E	22UF		50V
C026	ECA0JM102	E	1000UF		6.3V
C027	ECA1CM221	E	220UF		16V
C028	ECA0JM102	E	1000UF		6.3V
C029	ECJ2VF1H103Z	C	0.01UF	Z	50V
C030	ECA0JM222	E	470UF		16V
C032	ECA1CM471	E	470UF		16V
C034	ECA1HM220	E	22UF		50V
C035	ECA1HM220	E	22UF		50V
C036	ECUX1H561JCX	M	560PF	J	50V
C037	ECJ2VF1H104Z	C	0.1UF	Z	50V
C038	ECJ2VF1H104Z	C	0.1UF	Z	50V
C040	ECJ2VF1H104Z	C	0.1UF	Z	50V
C041	ECJ2VF1H104Z	C	0.1UF	Z	50V
C042	ECJ2VF1H104Z	C	0.1UF	Z	50V
C043	ECJ2VF1H104Z	C	0.1UF	Z	50V
C044	ECJ2VF1H104Z	C	0.1UF	Z	50V
C045	ECJ2VF1H103Z	C	0.01UF	Z	50V
C046	ECA0JM222	E	2200UF		6.3V
C047	ECUX1H102ZFX	C	1000PF	Z	50V
C052	ECA1HM330	E	33UF		50V
C054	ECJ2VF1H103Z	C	0.01UF	Z	50V
C056	ECJ2VF1H103Z	C	0.01UF	Z	50V
C057	ECA1CM101	E	100UF		16V
C059	ECJ2VF1H103Z	C	0.01UF	Z	50V
C060	ECJ2VF1H103Z	C	0.01UF	Z	50V
C061	ECA1HM3R3	E	3.3UF		50V
C062	ECA1CM471	E	470UF		16V
C063	ECA1CM102	E	1000UF		16V
C065	ECA1CM101	E	100UF		16V
C067	ECA1CM221	E	220UF		16V

Ref. No	Part No.	Description			
C068	ECA1CM101	E	100UF		16V
C069	ECJ2VF1H103Z	C	0.01UF	Z	50V
C070	ECJ2VF1H103Z	C	0.01UF	Z	50V
C071	ECEA1HN010U	E	1UF		50V
C072	ECA1HM2R2	E	2.2UF		50V
C073	EEUNA1E220	E	22UF		25V
C074	ECA1VM101	E	100UF		35V
C075	ECJ2VF1H103Z	C	0.01UF	Z	50V
C076	ECJ2VF1H103Z	C	0.01UF	Z	50V
C077	ECA1CM101	E	100UF		16V
C078	ECUX1H100DCX	C	10PF	D	50V
C079	ECUX1H100DCX	C	10PF	D	50V
C080	ECJ2VF1H104Z	C	0.1UF	Z	50V
C081	ECJ2VF1H104Z	C	0.1UF	Z	50V
C083	ECJ2VF1H104Z	C	0.1UF	Z	50V
C084	ECJ2VF1H104Z	C	0.1UF	Z	50V
C085	ECJ2VF1H104Z	C	0.1UF	Z	50V
C086	ECJ2VF1H104Z	C	0.1UF	Z	50V
C087	ECJ2VF1H104Z	C	0.1UF	Z	50V
C088	ECJ2VF1H104Z	C	0.1UF	Z	50V
C090	ECJ2VF1H104Z	C	0.1UF	Z	50V
C091	ECJ2VF1H104Z	C	0.1UF	Z	50V
C092	ECUX1H561JCX	M	560PF	J	50V
C093	TCUY1C474KBM	C	0.47UF		16V
		(for TX-29P100T)			
C093	ECJ3VB1C474K	C	0.47UF	K	16V
		(for TX-33P100T)			
C110	ECJ2VF1H103Z	C	0.01UF	Z	50V
C111	ECJ2VF1H103Z	C	0.01UF	Z	50V
C112	ECJ2VF1H103Z	C	0.01UF	Z	50V
C113	ECEA1HKAR22	E	0.22UF		50V
C114	ECJ2VF1H103Z	C	0.01UF	Z	50V
C115	ECEA1HKNR22	E	0.22UF		50V
C116	ECJ2VF1H103Z	C	0.01UF	Z	50V
C120	ECJ2VF1H103Z	C	0.01UF	Z	50V
C121	ECJ2VF1H103Z	C	0.01UF	Z	50V
C122	ECJ2VF1H103Z	C	0.01UF	Z	50V
C123	ECJ2VF1H103Z	C	0.01UF	Z	50V
C124	ECJ2VF1H103Z	C	0.01UF	Z	50V
C130	ECJ2VF1H103Z	C	0.01UF	Z	50V
C131	ECJ2VF1H103Z	C	0.01UF	Z	50V
C132	ECJ2VF1H103Z	C	0.01UF	Z	50V
C133	ECJ2VF1H103Z	C	0.01UF	Z	50V
C134	ECJ2VF1H103Z	C	0.01UF	Z	50V
C135	ECJ2VF1H103Z	C	0.01UF	Z	50V
C136	ECJ2VF1H103Z	C	0.01UF	Z	50V
C140	ECUX1H221JCX	C	220PF	J	50V
C141	ECEA1CKA100	E	10UF		16V
C142	ECEA1CKN100	E	10UF		16V
C144	ECEA1CKA101	E	100UF		16V
C150	ECJ2VF1H103Z	C	0.01UF	Z	50V
C151	ECEA1AKA221	E	220UF		10V
C152	ECEA1CKA101	E	100UF		16V
C154	ECUX1H820JCX	C	82PF	J	50V
C155	ECEA1CKA101	E	100UF		16V
C156	ECJ2VF1H103Z	C	0.01UF	Z	50V
C157	ECUX1H030CRX	C	3PF	C	50V
C158	ECUX1H180JCX	C	18PF	J	50V
C159	ECJ2VF1H103Z	C	0.01UF	Z	50V
C160	ECEA1CKA101	E	100UF		16V
C161	ECEA1HKNR47	E	0.47UF		50V
C162	ECUX1H681JCX	C	680PF	J	50V
C164	ECJ2VF1H103Z	C	0.01UF	Z	50V
C165	ECEA1CKA101	E	100UF		16V
C166	ECUX1H331JCX	C	330PF	J	50V
C167	ECEA1CKA101	E	100UF		16V
C180	ECUX1H151JX	C	150PF	J	50V
C182	ECJ2VF1H103Z	C	0.01UF	Z	50V
C190	ECJ2VF1H103Z	C	0.01UF	Z	50V
C191	ECJ2VF1H103Z	C	0.01UF	Z	50V

Ref. No	Part No.	Description			
C201	ECUX1H180JRX	C	18PF	J	50V
C330	ECUX1H101JCX	C	100PF	J	50V
C352	ECKF1H103ZF	C	0.01UF	Z	50V
C353	ECA1VM470	E	47UF		35V
C354	ECKF1H223ZF	C	0.022UF	Z	50V
C355	ECQM4104KZ	P	0.1UF	K	400V
C356	ECCF1H680JC	C	68PF	J	50V
C357	ECKD2H561KB2	C	560PF	K	500V
C359	ECQV1H104JM	P	0.1UF	J	50V
C360	ECA1CM471	E	470UF		16V
C361	ECKF1H103ZF	C	0.01UF	Z	50V
C362	ECA1VM470	E	47UF		35V
C363	ECKF1H223ZF	C	0.022UF	Z	50V
C364	ECCF1H470JC	C	47PF	J	50V
C365	ECQM4104KZ	P	0.1UF	K	400V
C366	ECKD2H561KB2	C	560PF	K	500V
C371	ECKF1H103ZF	C	0.01UF	Z	50V
C372	ECA1VM470	E	47UF		35V
C373	ECKF1H103ZF	C	0.01UF	Z	50V
C374	ECCF1H390JC	C	39PF	J	50V
C375	ECQM4104KZ	P	0.1UF	K	400V
C376	ECKD2H561KB2	C	560PF	K	500V
C377	ECA2EM100	E	10UF		250V
C380	ECA1HM100	E	10UF		50V
C382	ECA1CM221	E	220UF		16V
		(for TX-29P100T)			
C382	ECA1CM471	E	470UF		16V
		(for TX-33P100T)			
C383	ECA1CM102	E	1000UF		16V
C388	ECQB1H183JF	P	0.018UF	J	50V
C389	ECKD2H103ZF7	C	0.01UF	Z	500V
C390	ECA1HM100	E	10UF		50V
C391	ECKD3D332KBP	C	3300PF	K	2KV
C401	ECA1VM102	E	1000UF		35V
C402	ECA1HM010	E	1UF		50V
C404	ECA1HM471	E	470UF		50V
C405	ECA1EM102	E	1000UF		25V
C407	ECQB1224KF	P	0.22UF		100V
C409	ECQB1223KF	P	0.022UF	K	100V
C413	ECA1VM101	E	100UF		35V
C501	ECKF1H103ZF	C	0.01UF	Z	50V
C502	ECKF1H103ZF	C	0.01UF	Z	50V
C503	ECA1HM220	E	22UF		50V
C504	ECKF1H681KB	C	680PF	K	50V
C506	ECQV1H224JM	P	0.22UF	J	50V
C507	ECQE2224KF	P	0.22UF	K	250V
C508	ECKD3D151KBN	C	150PF	K	2KV
C509	ECKD3D271KBN	C	270PF	K	2KV
C510	ECKD2H102KB2	C	1000PF	K	500V
C511	ECKD2H102KB2	C	1000PF	K	500V
C513	ECQV1H105JM	P	1UF	J	50V
C514	ECQE2125KF	P	1.2UF		250V
C515	ECUX1H561KBX	C	560PF	K	50V
C518	ECKD3D102JBR	C	1000PF	J	2KV
C519	ECQF4223JZ	P	0.022UF	J	400V
C520	ECQF4333JZ	P	0.033UF	J	400V
C521	ECKD3D181KBN	C	180PF	K	2KV
C522	ECWF4364JBP	P	0.36UF	J	400V
C523	ECWH10H562JS	P	5600PF	J	1KV
C524	ECA1HM470	E	47UF		50V
C525	ECKD2H331KB2	C	330PF	K	500V
C526	ECA2EM330	E	33UF		250V
C527	ECQE1335KF	P	3.3UF	K	100V
C528	ECWH20472JVB	P	4700PF	J	2KV
C529	ECWH10H562JS	P	5600PF	J	1KV
C530	ECWH20472JVB	P	4700PF	J	2KV
		(for TX-29P100T)			
C530	ECWH20392JVY	P	3900PF	J	2KV
		(for TX-33P100T)			
C531	ECKD2H103ZF7	C	0.01UF	Z	500V

Ref. No	Part No.	Description			
C532	ECKF1H472KB	C	4700PF	K	50V
C533	ECWF4364JBP	P	0.36UF	J	400V
C534	ECKD3D561JBP	C	560PF	J	2KV
C535	ECKD3D561JBP	C	560PF	J	2KV
C536	ECWF4474JBP	P	0.47UF	J	400V
C537	ECKD3A561KBP	C	560PF	K	1KV
C539	ECEA2CNR47S	E	0.47UF		160V
C540	ECA1EHG102	E	1000UF		25V
C541	ECWF4474JBP	P	0.47UF	J	400V
C542	ECA1EHG102	E	1000UF		25V
C543	ECKD2H471KB2	C	470PF	K	500V
C571	ECCF1H151J	C	150PF	J	50V
C574	ECKF1H562KB	C	5600PF	K	50V
C575	ECQB1H221KF	P	220PF	K	50V
C576	ECA1HM101	E	100UF		50V
C578	ECQB1H152JF	P	1500PF	J	50V
C580	ECKD2H561KB2	C	560PF	K	500V
C581	ECKD2H561KB2	C	560PF	K	500V
C582	ECQM4104KZ	P	0.1UF	K	400V
C605	ECA1CM472	E	4700UF		16V
C606	ECA1CM102	E	1000UF		16V
C607	ECA1CM221	E	220UF		16V
C608	ECA1CM221	E	220UF		16V
C609	ECA1CM221	E	220UF		16V
C702	ECA1CHG471	E	470UF		16V
C704	ECQB1H103JF	P	0.01UF	J	50V
C705	ECQB1H103JF	P	0.01UF	J	50V
C707	ECQB1H103JF	P	0.01UF	J	50V
C708	ECEA1HN3R3U	E	3.3UF		50V
C709	ECQB1H153JF	P	0.015UF	J	50V
C710	ECQB1H333JF	P	0.033UF	J	50V
C711	ECA1HM010	E	1UF		50V
C712	ECQB1H153JF	P	0.015UF	J	50V
C713	ECQK1222JZ	P	2200PF	J	100V
C714	ECSF1EE225V	T	2.2UF		25V
C715	ECA1CM331	E	330UF		16V
C716	ECQB1H103JF	P	0.01UF	J	50V
C717	ECQV1H154JM	P	0.15UF	J	50V
C718	ECQV1H104JM	P	0.1UF	J	50V
C719	ECQB1H333JF	P	0.033UF	J	50V
C720	EEANA1E100	E	10UF		25V
C721	ECQB1H222JF	P	2200PF	J	50V
C724	ECQB1H332JF	P	3300PF	J	50V
C725	ECKD3A151KBP	C	150PF	K	1KV
C726	ECKD3D151KBN	C	150PF	K	2KV
C727	ECKD3D272KBP	C	2700PF	K	2KV
C728	ECKD3D122KBR	C	1200PF	K	2KV
C729	ECKD3D102KBR	C	1000PF	K	2KV
C730	ECKD3D471KBN	C	470PF	K	2KV
C731	ECKD3D331KBR	C	330PF	K	2KV
C732	ECEA160V33Z	E	33UF		160V
C733	ECA1HM010	E	1UF		50V
C734	ECKD3D151KBN	C	150PF	K	2KV
C735	ECQM6223JZ	P	0.022UF	J	600V
C736	ECQM4223JZ	P	0.022UF	J	400V
C801	ECA1CM221	E	220UF		16V
C803	ECA1CM101	E	100UF		16V
C806	ECA1EM222	E	2200UF		25V
C807	ECA1HM220	E	22UF		50V
C810	ECA1HM100	E	10UF		50V
C814	EC0S2GP221BB	E	220UF		400V
C816	ECQV1H104JM	P	0.1UF	J	50V
C817	ECA1HM4R7	E	4.7UF		50V
C818	ECA2WM2R2	E	2.2UF		450V
C820	ECA1VM221	E	220UF		35V
C821	ECKF1H102KB	C	1000PF	K	50V
C822	ECQV1H823JM	P	0.082UF	J	50V
C823	ECKDAE472ZE	C	4700PF	Z	
C824	ECKDAE472ZE	C	4700PF	Z	
C825	ECKDAE472ZE	C	4700PF	Z	

	Ref. No	Part No.	Description			
	C826	ECKDAE472ZE	C	4700PF	Z	
	C827	ECKF1H101KB	C	100PF	K	50V
	C828	ECKD3D681KBP	C	680PF	K	2KV
	C829	ECKD2H102KB2	C	1000PF	K	500V
	C830	ECKD3A472KBP	C	4700PF	K	1KV
	C831	ECKD3A472KBP	C	4700PF	K	1KV
	C832	ECKD3D821KBP	C	820PF	K	2KV
	C835	ECKD3D102KBP	C	1000PF	K	2KV
	C836	ECQV1H104JM	P	0.1UF	J	50V
	C838	ECKD2H102KB2	C	1000PF	K	500V
	C839	ECKF1H103ZF	C	0.01UF	Z	50V
	C840	ECA1CM221	E	220UF		16V
	C841	ECQB1H681JF	P	680PF	J	50V
	C842	ECA1HM010	E	1UF		50V
△	C843	ECKCNA222MEB	C	2200PF	M	
	C844	ECQB1H393JF	P	0.039UF	J	50V
△	C845	ECKCNA222MEB	C	2200PF	M	
	C846	ECKD3A392KBN	C	3900PF	K	1KV
	C847	ECKD2H561KB2	C	560PF	K	500V
	C848	ECKD2H471KB2	C	470PF	K	500V
	C850	ECA1EM222	E	2200UF		25V
	C851	ECKD3D102KBP	C	1000PF	K	2KV
	C852	ECQB1223JF	P	0.022UF	J	100V
	C853	ECQB1223JF	P	0.022UF	J	100V
	C856	ECA1HM102	E	1000UF		50V
	C857	ECKD2H271KB2	C	270PF	K	500V
	C858	EC0S2CA331BB	E	330UF		160V
	C859	ECQV1H104JM	P	0.1UF	J	50V
	C860	ECA1HM100	E	10UF		50V
	C861	ECKD2H471KB2	C	470PF	K	500V
	C862	ECA1HM101	E	100UF		50V
	C863	ECA1HM102	E	1000UF		50V
	C864	ECKD2H821KB2	C	820PF	K	500V
	C865	EC0S2CA331BB	E	330UF		160V
	C866	ECA1CM222	E	2200UF		16V
	C867	ECA1EHG222	E	2200UF		25V
	C868	ECA1CM222	E	2200UF		16V
	C869	ECA1HM100	E	10UF		50V
	C872	ECKF1H101KB	C	100PF	K	50V
	C874	ECA1CHG101	E	100UF		50V
	C876	EC0S2GP221BB	E	220UF		400V
	C878	ECKD3D681KBP	C	680PF	K	2KV
	C879	ECCD3D330KGE	C	33PF. K		2KV
	C881	ECCD2H560J	C	56PF	J	500V
	C882	ECCD2H560J	C	56PF	J	500V
△	C883	ECQU2A224MN	P	0.22UF	M	250V
△	C884	ECKCNA222MEB	C	2200PF	M	
△	C885	ECKCNA332MEB	C	3300PF	M	
△	C886	ECKCNA222MEB	C	2200PF	M	
△	C888	ECQU2A224MN	P	0.22UF	M	250V
	C901	EEANA1E100	E	10UF		25V
	C902	ECA1CM101	E	100UF		16V
	C907	ECKF1H151KB	C	150PF	K	50V
			(for TX-29P100T)			
	C907	ECKF1H391KB	C	390PF	K	50V
			(for TX-33P100T)			
	C932	ECA1VM101	E	100UF		35V
	C952	ECA1VM101	E	100UF		35V
	C955	ECQB1103JF	P	0.01UF	J	100V
	C958	ECA2CM100	E	10UF		160V
	C959	ECQB1103JF	P	0.01UF	J	100V
	C960	ECKF1H221KB	C	220PF	K	50V
	C961	ECA2CM100	E	10UF		160V
	C962	ECQM4472JZ	P	4700PF	J	400V
	C963	ECKF1H221KB	C	220PF	K	50V
	C964	ECA1CHG101	E	100UF		50V
	C966	ECA1CM101	E	100UF		16V
	C967	ECA1CHG471	E	470UF		16V
	C974	ECA1VM101	E	100UF		35V
	C1001	ECJ2VF1H103Z	C	0.01UF	Z	50V

Ref. No	Part No.	Description			
C1002	ECA1CM101	E	100UF		16V
C1040	ECQB1H223JF	P	0.022UF	J	50V
C1041	ECA1HM470	E	47UF		50V
C1043	ECA1HM470	E	47UF		50V
C1044	ECKF1H103ZF	C	0.01UF	Z	50V
C1046	ECA1CM221	E	220UF		16V
C1048	EEANA1E1R0	E	1UF		25V
C1050	ECKF1H103ZF	C	0.01UF	Z	50V
C1051	ECKF1H103ZF	C	0.01UF	Z	50V
C1101	ECA1VM470	E	47UF		35V
C1102	ECUX1H101JCX	C	100PF	J	50V
C1103	ECUX1H101JCX	C	100PF	J	50V
C1104	ECA1HM220	E	22UF		50V
C1106	ECUX1H181JCX	C	180PF	J	50V
C1107	ECA1HMR47	E	0.47UF		50V
C1108	ECA1HM010	E	1UF		50V
C1109	ECUX1H101JCX	C	100PF	J	50V
C1110	ECJ2VF1H103Z	C	0.01UF	Z	50V
C1112	ECA0JM102	E	1000UF		6.3V
C1113	ECJ2VF1H103Z	C	0.01UF	Z	50V
C1114	ECA1HM4R7	E	4.7UF		50V
C1118	ECA1HM010	E	1UF		50V
C1119	ECJ2VF1H103Z	C	0.01UF	Z	50V
C1120	ECJ2VF1H103Z	C	0.01UF	Z	50V
C1121	ECJ2VF1H103Z	C	0.01UF	Z	50V
C1123	ECUX1H272KBX	C	2700PF	K	50V
C1124	ECQV1H104JM	P	0.1UF	J	50V
C1128	ECUX1H220JCX	C	22PF	J	50V
C1129	ECUX1H270JCX	C	27PF	J	50V
C1130	ECA1CM331	E	330UF		16V
C1131	ECQB1H223JF	P	0.022UF	J	50V
C1132	ECJ2VF1H103Z	C	0.01UF	Z	50V
C1133	ECA1HM220	E	22UF		50V
C1138	ECA1HM100	E	10UF		50V
C1141	ECJ2VF1H103Z	C	0.01UF	Z	50V
C1142	ECJ2VF1H103Z	C	0.01UF	Z	50V
C1143	ECA1CM471	E	470UF		16V
C1144	ECA1CM471	E	470UF		16V
C1303	ECJ1VB1H103K	C	0.01UF	K	50V
C1304	ECUX1H330JCV	C	33PF	J	50V
C1305	ECUX1H390JCV	C	39PF	J	50V
C1306	ECUX1H680JCV	C	68PF	J	50V
C1307	ECUX1H680JCV	C	68PF	J	50V
C1308	ECJ1VB1H103K	C	0.01UF	K	50V
C1309	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1311	ECUX1H221JCV	C	220PF	J	50V
C1312	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1313	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1315	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1316	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1317	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1318	EEVHP1E220P	E	22UF		25V
C1319	ECJ1VB1H102K	C	1000PF	K	50V
C1320	ECUX1H030CCV	C	3PF	C	50V
C1321	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1322	ECUX1H151JCV	C	150PF	J	50V
C1323	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1324	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1325	ECUX1H030CCV	C	3PF	C	50V
C1326	ECJ1VB1H102K	C	1000PF	K	50V
C1327	ECJ1VF1H473Z	C	0.047UF	Z	50V
C1328	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1329	ECUX1H030CCV	C	3PF	C	50V
C1330	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1331	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1332	ECUX1H030CCV	C	3PF	C	50V
C1333	ECUX1H151JCV	C	150PF	J	50V
C1334	ECJ1VF1H473Z	C	0.047UF	Z	50V
C1336	ECUX1H330JCV	C	33PF	J	50V
C1337	ECUX1H680JCV	C	68PF	J	50V

Ref. No	Part No.	Description			
C1338	ECUX1H221JCV	C	220PF	J	50V
C1340	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1341	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1342	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1343	ECJ1VB1H103K	C	0.01UF	K	50V
C1344	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1345	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1346	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1347	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1349	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1350	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1351	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1352	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1353	ECUX1H271JCV	C	270PF	J	50V
C1354	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1355	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1356	ECUX1H101JCV	C	100PF	J	50V
C1357	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1358	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1359	TCUY0J335MBM	C	3.3UF		6.3V
C1360	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1361	TCUY0J335MBM	C	3.3UF		6.3V
C1362	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1363	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1365	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1366	TCUY0J335MBM	C	3.3UF		6.3V
C1367	EEVHP1C100R	E	10UF		16V
C1369	EEVHP1C100R	E	10UF		16V
C1370	EEVHP1C100R	E	10UF		16V
C1371	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1372	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1373	ECUX1H271JCV	C	270PF	J	50V
C1374	ECJ1VF1H103Z	C	0.01UF	Z	50V
C1376	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1377	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1378	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1379	ECUX1H150JCV	C	15PF	J	50V
C1380	EEVHB0J101	E	100UF		6.3V
C1381	ECUX1H150JCV	C	15PF	J	50V
C1383	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1384	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1385	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1386	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1387	ECHU1C104GB5	P	0.1UF		16V
C1388	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1389	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1390	ECUX1H102JCV	C	1000PF	J	50V
C1391	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1392	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1393	EEVHB1C100	E	10UF		16V
C1394	ECJ2VB1C224K	C	0.22UF	K	16V
C1396	ECJ1VF1H103Z	C	0.01UF	Z	50V
C1397	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1398	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1399	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1401	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1402	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1403	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1404	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1407	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1408	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1409	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1410	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1412	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1413	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1414	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1416	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1417	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1418	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1419	ECJ1VF1C104Z	C	0.1UF	Z	16V

Ref. No	Part No.	Description			
C1420	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1421	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1422	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1423	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1424	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1425	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1427	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1428	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1429	ECUX1H390JCV	C	39PF	J	50V
C1432	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1433	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1434	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1435	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1436	ECUX1H680JCV	C	68PF	J	50V
C1437	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1438	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1439	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1440	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1441	TCUY0J335MBM	C	3.3UF		6.3V
C1442	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1443	ECJ1VF1H103Z	C	0.01UF	Z	50V
C1444	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1445	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1446	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1447	TCUY0J335MBM	C	3.3UF		6.3V
C1448	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1449	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1450	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1451	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1452	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1453	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1454	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1456	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1457	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1458	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1459	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1460	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1462	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1463	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1465	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1466	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1468	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1469	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1470	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1471	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1472	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1473	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1474	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1475	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1476	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1477	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1478	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1479	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1480	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1481	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1482	EEVHB0J101	E	100UF		6.3V
C1483	EEVHB1C100	E	10UF		16V
C1484	EEVHB0J101	E	100UF		6.3V
C1485	EEVHB1C100	E	10UF		16V
C1486	EEVHB0J101	E	100UF		6.3V
C1488	EEVHB0J101	E	100UF		6.3V
C1489	EEVHB0J101	E	100UF		6.3V
C1490	EEVHB0J101	E	100UF		6.3V
C1504	EEVHB1C470P				
C1508	EEVHB0J101	E	100UF		6.3V
C1510	EEVHB0J101	E	100UF		6.3V
C1511	EEVHB0J101	E	100UF		6.3V
C1512	EEVHB0J101	E	100UF		6.3V
C1513	EEVHB0J101	E	100UF		6.3V
C1514	EEVHB0J101	E	100UF		6.3V

Ref. No	Part No.	Description			
C1515	EEVHP1HR33R	E	0.33UF		50V
C1518	EEVHP1HR33R	E	0.33UF		50V
C1519	EEVHP1E220P	E	22UF		25V
C1520	EEVHP1E220P	E	22UF		25V
C1521	TCUY1C334KBM	C	0.33UF		16V
C2250	ECA1VM221	E	220UF		35V
C2251	EEUNA1E220	E	22UF		25V
C2252	EEUNA1E220	E	22UF		25V
C2254	ECKF1H103ZF	C	0.01UF	Z	50V
C2255	ECA1CM471	E	470UF		16V
C2256	ECQV1H104JM	P	0.1UF	J	50V
C2257	ECA1HM100	E	10UF		50V
C2258	ECA1HM100	E	10UF		50V
C2259	ECA1HM220	E	22UF		50V
C2260	ECA1HM100	E	10UF		50V
C2261	ECKF1H472ZF	C	4700PF	Z	50V
C2262	ECA1HM100	E	10UF		50V
C2263	ECA1HM100	E	10UF		50V
C2265	ECKF1H102KB	C	1000PF	K	50V
C2266	ECKF1H102KB	C	1000PF	K	50V
C2267	ECKF1H102KB	C	1000PF	K	50V
C2268	ECKF1H102KB	C	1000PF	K	50V
C2269	ECKF1H102KB	C	1000PF	K	50V
C2270	ECKF1H102KB	C	1000PF	K	50V
C2271	ECKF1H102KB	C	1000PF	K	50V
C2272	ECKF1H102KB	C	1000PF	K	50V
C2273	ECKF1H102KB	C	1000PF	K	50V
C2274	ECKF1H102KB	C	1000PF	K	50V
C2275	ECKF1H102KB	C	1000PF	K	50V
C2276	ECKF1H102KB	C	1000PF	K	50V
C2301	ECQV1H154JM	P	0.15UF	J	50V
C2302	ECA1VM222	E	2200UF		35V
C2303	ECQV1H474JM	P	0.47UF	J	50V
C2304	ECUX1H561KCX	C	560PF	K	50V
C2305	ECJ3VB1H104K	C	0.1UF	K	50V
C2306	ECUX1H472KBX	C	4700PF	K	50V
C2307	ECUX1H101JCX	C	100PF	J	50V
C2308	ECUX1H562KBX	C	5600PF	K	50V
C2309	ECJ3VB1H104K	C	0.1UF	K	50V
C2310	ECUX1H682KBX	C	6800PF	K	50V
C2311	ECA1HM2R2	E	2.2UF		50V
C2312	EEUFC1J471	E	470UF		63V
C2313	ECJ2VF1H104Z	C	0.1UF	Z	50V
C2315	ECJ2VF1H104Z	C	0.1UF	Z	50V
C2316	ECJ2VF1H104Z	C	0.1UF	Z	50V
C2317	ECA1HM221	E	220UF		50V
C2318	ECA1VM222	E	2200UF		35V
C2319	ECJ2VF1H103Z	C	0.01UF	Z	50V
C2320	EEUFC1J471	E	470UF		63V
C2321	ECA1HM470	E	47UF		50V
C2322	ECJ2VF1H103Z	C	0.01UF	Z	50V
C2323	ECQV1H154JM	P	0.15UF	J	50V
C2324	ECQV1H684JM	P	0.68UF	J	50V
C2325	ECUX1H561KCX	C	560PF	K	50V
C2326	ECJ3VB1H104K	C	0.1UF	K	50V
C2327	ECUX1H472KBX	C	4700PF	K	50V
C2328	ECUX1H101JCX	C	100PF	J	50V
C2329	ECUX1H562KBX	C	5600PF	K	50V
C2330	ECJ3VB1H104K	C	0.1UF	K	50V
C2331	ECUX1H682KBX	C	6800PF	K	50V
C2332	ECA1HM2R2	E	2.2UF	50V	
C2333	ECJ2VF1H103Z	C	0.01UF	Z	50V
C2334	ECJ2VF1H104Z	C	0.1UF	Z	50V
C2336	ECJ2VF1H104Z	C	0.1UF	Z	50V
C2337	ECA1HM221	E	220UF	50V	
C2338	ECA1VM222	E	2200UF	35V	
C2339	ECJ2VF1H104Z	C	0.1UF	Z	50V
C2340	ECJ2VF1H103Z	C	0.01UF	Z	50V
C2342	ECEA1HN100U	E	10UF	50V	
C2343	ECEA1HN100U	E	10UF	50V	

Ref. No	Part No.	Description			
C2344	ECQB1H103JF	P	0.01UF	J	50V
		(for TX-29P100T)			
C2344	ECUX1H103KBX	C	0.01UF	K	50V
		(for TX-33P100T)			
C2345	ECUX1H560JCX	C	56PF	J	50V
C2346	ECUX1H560JCX	C	56PF	J	50V
C2347	ECQB1H103JF	P	0.01UF	J	50V
		(for TX-29P100T)			
C2347	ECUX1H103KBX	C	0.01UF	K	50V
		(for TX-33P100T)			
C2348	ECQV1H154JM	P	0.15UF	J	50V
C2349	ECA1HM100	E	10UF		50V
C2350	ECA1CM471	E	470UF		16V
C2351	ECA1HM101	E	100UF		50V
C2421	ECUX1H562KBX	C	5600PF	K	50V
C2422	ECUX1H561KCX	C	560PF	K	50V
C2423	ECA1HM100	E	10UF		50V
C2424	ECA1HM4R7	E	4.7UF		50V
C2425	ECJ2VF1H104Z	C	0.1UF	Z	50V
C2426	ECA1CM101	E	100UF		16V
C2427	ECA1HM4R7	E	4.7UF		50V
C2428	ECJ2VF1H683Z	C	0.068UF	Z	50V
C2429	ECA1HM010	E	1UF		50V
C2430	ECA1HM010	E	1UF		50V
C2431	ECA1HM010	E	1UF		50V
C2433	EEANA1E4R7	E	4.7UF		25V
C2434	EEANA1E1R0	E	1UF		25V
C2435	ECQV1H823JM	P	0.082UF	J	50V
C2436	ECJ2VB1H393K	C	0.039UF	K	50V
C2437	ECA1HM4R7	E	4.7UF		50V
C2438	ECUX1H561KCX	C	560PF	K	50V
C2439	ECJ2VF1H683Z	C	0.068UF	Z	50V
C2440	ECUX1H561JCX	M	560PF	J	50V
C2441	ECJ2VF1H683Z	C	0.068UF	Z	50V
C2442	ECA1CM221	E	220UF		16V
C2443	ECUX1H101JCX	C	100PF	J	50V
C2444	ECA1HM010	E	1UF		50V
C2445	ECJ2VF1H103Z	C	0.01UF	Z	50V
C2446	ECA1HM010	E	1UF		50V
C2447	ECUX1H223KBX	C	0.022UF	K	50V
C2449	ECA1HM010	E	1UF		50V
C2451	ECA1HM010	E	1UF		50V
C2453	EEANA1E4R7	E	4.7UF		25V
C2455	EEUNA1E220	E	22UF		25V
C2457	EEANA1E4R7	E	4.7UF		25V
C2458	EEANA1E4R7	E	4.7UF		25V
C2523	ECA1HM100	E	10UF		50V
C2524	ECUX1H103KBX	C	0.01UF	K	50V
C2525	ECA1VM470	E	47UF		35V
C2526	ECA1HM100	E	10UF		50V
C2527	ECA1VM470	E	47UF		35V
C2528	ECA1VM102	E	1000UF		35V
C2529	ECJ2VF1H103Z	C	0.01UF	Z	50V
C2530	ECQV1H224JM	P	0.22UF	J	50V
C2531	ECQV1H224JM	P	0.22UF	J	50V
C2532	ECA1VM221	E	220UF		35V
C2533	ECUX1H153KBX	C	0.015UF	K	50V
C2534	ECA1HM100	E	10UF		50V
C2535	ECA1HM4R7	E	4.7UF		50V
C2536	ECA1VM470	E	47UF		35V
C2537	ECA1HM100	E	10UF		50V
C2539	ECUX1H562KBX	C	5600PF	K	50V
C2541	ECQV1H124JM	P	0.12UF	J	50V
C2542	ECQB1H473JF	P	0.047UF	J	50V
C2543	ECJ2XB1H333K	C	0.033UF	K	50V
C2544	ECUX1H681KBX	C	680PF	K	50V
C2545	ECA1HM100	E	10UF		50V
C2546	ECUX1H153KBX	C	0.015UF	K	50V
C2547	EEANA1E100	E	10UF		25V
C2548	ECA1HM4R7	E	4.7UF		50V

Ref. No	Part No.	Description			
C2549	ECA1VM470	E	47UF		35V
C2550	ECA1HM100	E	10UF		50V
C2552	ECUX1H562KBX	C	5600PF	K	50V
C2554	ECQV1H124JM	P	0.12UF	J	50V
C2555	ECQB1H473JF	P	0.047UF	J	50V
C2556	ECJ2VB1H333K	C	0.033UF	K	50V
		(for TX-29P100T)			
C2556	ECJ2XB1H333K	C	0.033UF	K	50V
		(for TX-33P100T)			
C2557	ECUX1H681KBX	C	680PF	K	50V
C2558	ECA1HM100	E	10UF		50V
C2560	ECA1VM470	E	47UF		35V
C2561	ECA1VM470	E	47UF		35V
C3001	ECKF1H102KB	C	1000PF	K	50V
C3002	ECKF1H561KB	C	560PF	K	50V
C3003	ECA1HMR47	E	0.47UF		50V
C3004	ECKF1H102KB	C	1000PF	K	50V
C3005	ECA1HM010	E	1UF		50V
C3006	ECA1VM470	E	47UF		35V
C3007	ECA1HMR47	E	0.47UF		50V
C3009	ECKF1H103ZF	C	0.01UF	Z	50V
C3013	ECQV1H104JM	P	0.1UF	J	50V
C3014	ECKF1H102KB	C	1000PF	K	50V
C3016	ECKF1H561KB	C	560PF	K	50V
C3017	ECUX1H102KBX	C	1000PF	K	50V
C3018	ECUX1H102KBX	C	1000PF	K	50V
C3019	ECUX1H102KBX	C	1000PF	K	50V
C3020	ECA1HMR47	E	0.47UF		50V
C3021	ECKF1H102KB	C	1000PF	K	50V
C3022	ECUX1H102KBX	C	1000PF	K	50V
C3023	ECA1HM220	E	22UF		50V
C3025	ECA1VM470	E	47UF		35V
C3026	ECA1HM010	E	1UF		50V
C3027	ECA1HM010	E	1UF		50V
C3028	ECA1HM220	E	22UF		50V
C3029	ECA1HM010	E	1UF		50V
C3030	ECA1VM470	E	47UF		35V
C3031	ECUX1H102KBX	C	1000PF	K	50V
C3032	ECA1HMR47	E	0.47UF		50V
C3033	ECA1HM010	E	1UF		50V
C3034	ECA1HM220	E	22UF		50V
C3035	ECKF1H103ZF	C	0.01UF	Z	50V
C3036	ECA1HM010	E	1UF		50V
C3037	ECA1HM220	E	22UF		50V
C3038	ECA1CM221	E	220UF		16V
C3039	ECUX1H102KBX	C	1000PF	K	50V
C3040	ECA1HM010	E	1UF		50V
C3043	ECJ2VF1H103Z	C	0.01UF	Z	50V
C3044	ECA1HM010	E	1UF		50V
C3045	ECUX1H102KBX	C	1000PF	K	50V
C3046	ECUX1H102KBX	C	1000PF	K	50V
C3048	ECUX1H102KBX	C	1000PF	K	50V
C3049	ECUX1H102KBX	C	1000PF	K	50V
C3050	ECA1HM010	E	1UF		50V
C3051	ECA1HM010	E	1UF		50V
C3054	ECA1HM220	E	22UF		50V
C3055	ECEA1HN010U	E	1UF		50V
C3059	ECA1CM101	E	100UF		16V
C3060	EEANA1E1R0	E	1UF		25V
C3062	ECA1HM010	E	1UF		50V
C3063	ECA1HM010	E	1UF		50V
C3065	EEANA1E1R0	E	1UF		25V
C3067	ECA1CM221	E	220UF		16V
C3068	ECA1CM221	E	220UF		16V
C3071	EEANA1E1R0	E	1UF		25V
C3072	ECJ2VF1H103Z	C	0.01UF	Z	50V
C3073	ECUX1H561JCX	M	560PF	J	50V
C3074	ECUX1H561JCX	M	560PF	J	50V
C3075	ECUX1H561JCX	M	560PF	J	50V
C3076	ECUX1H561JCX	M	560PF	J	50V
C3077	ECUX1H561JCX	M	560PF	J	50V
C3078	ECUX1H561JCX	M	560PF	J	50V
C3079	ECUX1H561JCX	M	560PF	J	50V
C3080	ECUX1H561JCX	M	560PF	J	50V
C3081	ECUX1H561JCX	M	560PF	J	50V
C3082	ECUX1H561JCX	M	560PF	J	50V
C3083	ECUX1H561JCX	M	560PF	J	50V
C3084	ECUX1H561JCX	M	560PF	J	50V
C3085	ECUX1H561JCX	M	560PF	J	50V
C3086	ECUX1H561JCX	M	560PF	J	50V
C3087	ECUX1H561JCX	M	560PF	J	50V
C3088	ECUX1H561JCX	M	560PF	J	50V
C3089	ECA1HM220	E	22UF		50V
C3501	ECA1CM221	E	220UF		16V
C3502	ECJ2VF1H103Z	C	0.01UF	Z	50V
C3506	EEUNA1E220	E	22UF		25V
C3509	EEUNA1E220	E	22UF		25V
C3514	EEUNA1E220	E	22UF		25V
C3551	EEUNA1E220	E	22UF		25V
C3552	EEUNA1E220	E	22UF		25V
C3553	EEUNA1E220	E	22UF		25V
C3554	ECA1CM221	E	220UF		16V
C3555	ECJ2VF1H103Z	C	0.01UF	Z	50V
C3559	ECUX1H151JCX	C	150PF	J	50V
C3560	ECA1CM471	E	470UF		16V
C3561	ECJ2VF1H103Z	C	0.01UF	Z	50V
C3562	ECA1HM100	E	10UF		50V
C3563	ECJ2VF1H103Z	C	0.01UF	Z	50V
C3564	ECUX1H101JCX	C	100PF	J	50V
C3565	ECUX1H220JCX	C	22PF	J	50V
C3566	ECUX1H220JCX	C	22PF	J	50V
C3567	ECA1HM100	E	10UF		50V
C3568	ECJ2VF1H103Z	C	0.01UF	Z	50V
C3569	ECJ2VF1H103Z	C	0.01UF	Z	50V
C3570	ECA1HM100	E	10UF		50V
C3573	ECJ3VB1C474K	C	0.47UF	K	16V
C3577	ECJ2VB1H333K	C	0.033UF	K	50V
C3578	ECJ2VF1H103Z	C	0.01UF	Z	50V
C3579	ECJ2VF1H104Z	C	0.1UF	Z	50V
C3580	ECUX1H101JCX	C	100PF	J	50V
C3581	ECA1HM100	E	10UF		50V
C3582	ECA1CM101	E	100UF		16V
C4001	ECJ2VF1H103Z	C	0.01UF	Z	50V
C4002	ECJ2VF1H103Z	C	0.01UF	Z	50V
C4003	ECEA1HN4R7U	E	4.7UF		50V
C4004	ECUX1H223KBX	C	0.022UF	K	50V
C4005	ECUX1H472ZFX	C	4700PF	Z	50V
C4006	ECEA1HN010U	E	1UF		50V
C4007	ECEA1HN4R7U	E	4.7UF		50V
C4009	ECA1HM470	E	47UF		50V
C4010	ECJ2VF1H683Z	C	0.068UF	Z	50V
C4011	ECEA1HN4R7U	E	4.7UF		50V
C4012	ECA1HM100	E	10UF		50V
C4013	ECJ2VF1H103Z	C	0.01UF	Z	50V
C4014	ECQB1H681JF	P	680PF	J	50V
C4015	ECJ2VF1H103Z	C	0.01UF	Z	50V
C4016	ECA1VM470	E	47UF		35V
C4017	ECJ2VF1H103Z	C	0.01UF	Z	50V
C4018	ECUX1H470JCX	C	47PF	J	50V
C4019	ECUX1H101JCX	C	100PF	J	50V
C4023	ECJ2VF1H103Z	C	0.01UF	Z	50V
C4801	ECA1HM4R7	E	4.7UF		50V
C4802	ECA1HM4R7	E	4.7UF		50V
C4803	ECQV1H334JM	P	0.33UF	J	50V
C4804	ECQV1H334JM	P	0.33UF	J	50V
C4805	ECA1VM470	E	47UF		35V
C4806	ECA1HM4R7	E	4.7UF		50V
		(for TX-33P100T)			
C4807	ECA1HM4R7	E	4.7UF		50V
		(for TX-33P100T)			

Ref. No	Part No.	Description
C4808	ECQV1H334JM	P 0.33UF J 50V (for TX-33P100T)
C4809	ECQV1H334JM	P 0.33UF J 50V (for TX-33P100T)
C4810	ECA1VM470	E 47UF 35V (for TX-33P100T)
C4811	ECKF1H103ZF	C 0.01UF Z 50V (for TX-33P100T)
C4812	ECA1HM100	E 10UF 50V (for TX-33P100T)
C4813	ECA1CM101	E 100UF 16V (for TX-33P100T)
C4814	ECA1CM101	E 100UF 16V (for TX-33P100T)
C4822	ECQP1H103JZ	P 0.01UF J 50V (for TX-33P100T)
C4823	ECEA1CN100U	E 10UF 16V (for TX-33P100T)
C4824	ECEA1CN100U	E 10UF 16V (for TX-33P100T)
C4825	EEUFC1C560	E 56UF 16V (for TX-33P100T)
	OTHERS	
A1	TJSF20016	16P CONNECTOR
A2	TJSF20016	16P CONNECTOR
A3	TJSF20016	16P CONNECTOR
A4	TJS3A9650	4P CONNECTOR
A6	TJS1A8130	PHONO PIN (7P)
A7	TJSF18905	5P CONNECTOR
A8	TJS5A9190	10P CONNECTOR
A9	TJS5A9190	10P CONNECTOR
A10	TJS5A9190	10P CONNECTOR
A11	TJSF17335	CONNECTOR
A12	TJS5A9420	8P CONNECTOR
A13	TJS5A9190	10P CONNECTOR
A14	TJS3A9640	3P CONNECTOR (for TX-29P100T)
A15	TJS3A9880	8P CONNECTOR
A20	TJS3A9640	3P CONNECTOR
A24	TJS5A9420	8P CONNECTOR
A25	TJS5A9420	8P CONNECTOR
A26	TJS5A9420	8P CONNECTOR
A30	TJS3A9640	3P CONNECTOR
A31	TJS5A9420	8P CONNECTOR
A32	TJS5A9420	8P CONNECTOR
A33	TJS3A9880	8P CONNECTOR
A40	TJS3A9640	3P CONNECTOR
A41	TJS3A9640	3P CONNECTOR
A44	TJSF19670	70P CONNECTOR
A46	TJS3A9640	3P CONNECTOR
B1	TJS3A9140	CONNECTOR
B2	TJS3A9140	CONNECTOR
B3	TJS3A9140	CONNECTOR
B4	TJS1A8090	PHONO PIN (3P)
D1	TJSF19916	16P CONNECTOR
D2	TJSF19916	16P CONNECTOR
D3	TJSF19916	16P CONNECTOR
D6	TJS5A9420	8P CONNECTOR
D7	TJS5A9420	8P CONNECTOR
D8	TJS5A9420	8P CONNECTOR
G1	TJSF18805	5P CONNECTOR
G2	TJS5A9180	10P PLUG
G3	TJS5A9180	10P PLUG
G4	TJS5A9180	10P PLUG
G5	TJS5A9180	10P PLUG
G6	TJS3A9640	3P CONNECTOR
G7	TJSF19916	16P CONNECTOR
G8	TJS3A9670	6P CONNECTOR
G9	TJS3A9650	4P CONNECTOR
G10	TJS3A9660	5P CONNECTOR (for TX-33P100T)
G11	TJS3A9900	10P CONNECTOR (for TX-33P100T)
GM1	TJS3A9900	10P CONNECTOR (for TX-33P100T)
H1	TJSF17435	35P CONNECTOR
H2	TJS3A9140	CONNECTOR
K1	TJSF20016	16P CONNECTOR
K2	TJS3A9640	3P CONNECTOR
K3	TJS3A9640	3P CONNECTOR (for TX-29P100T)
K3	TJS3A9650	4P CONNECTOR (for TX-33P100T)
L1	TJS3A9880	8P CONNECTOR
L2	TJS3A9640	3P CONNECTOR
L3	TJS3A9670	6P CONNECTOR
L4	TJS3A9650	4P CONNECTOR
P4	TJS3A9640	3P CONNECTOR
T1	TJS3A9150	CONNECTOR
T2	TJS3A9150	CONNECTOR
T3	TJS1A8110	TELEPHON JACK (5P)
X1	TJS3A9140	CONNECTOR
X2	TJS3A9140	CONNECTOR
X3	TJS3A9140	CONNECTOR
X4	TJS3A9670	6P CONNECTOR
Z1	TJS3A9880	8P CONNECTOR
△ F801	XBA2C50TR0	FUSE 250V 5A
F801-1	EYF-52BC	FUSE HOLDER
F801-2	EYF-52BC	FUSE HOLDER
JA1	ERJ6GEY0R00	M 0 OHM J 1/10W
JA2	ERJ6GEY0R00	M 0 OHM J 1/10W
JA3	ERJ6GEY0R00	M 0 OHM J 1/10W
JA4	ERJ6GEY0R00	M 0 OHM J 1/10W
JA5	ERJ6GEY0R00	M 0 OHM J 1/10W
JA6	ERJ6GEY0R00	M 0 OHM J 1/10W
JA7	ERJ6GEY0R00	M 0 OHM J 1/10W
JA8	ERJ6GEY0R00	M 0 OHM J 1/10W
JA9	ERJ6GEY0R00	M 0 OHM J 1/10W
JA10	ERJ6GEY0R00	M 0 OHM J 1/10W
JA11	ERJ6GEY0R00	M 0 OHM J 1/10W
JA12	ERJ6GEY0R00	M 0 OHM J 1/10W
JA13	ERJ6GEY0R00	M 0 OHM J 1/10W
JA14	ERJ6GEY0R00	M 0 OHM J 1/10W
JA15	ERJ6GEY0R00	M 0 OHM J 1/10W
JA16	ERJ6GEY0R00	M 0 OHM J 1/10W
JA17	ERJ6GEY0R00	M 0 OHM J 1/10W
JA18	ERJ6GEY0R00	M 0 OHM J 1/10W
JA19	ERJ6GEY0R00	M 0 OHM J 1/10W
JA20	ERJ6GEY0R00	M 0 OHM J 1/10W
JA21	ERJ6GEY0R00	M 0 OHM J 1/10W
JA22	ERJ6GEY0R00	M 0 OHM J 1/10W
JA23	ERJ6GEY0R00	M 0 OHM J 1/10W
JA24	ERJ6GEY0R00	M 0 OHM J 1/10W
JA25	ERJ6GEY0R00	M 0 OHM J 1/10W
JA26	ERJ6GEY0R00	M 0 OHM J 1/10W
JA27	ERJ6GEY0R00	M 0 OHM J 1/10W
JA28	ERJ6GEY0R00	M 0 OHM J 1/10W
JA29	ERJ6GEY0R00	M 0 OHM J 1/10W
JA30	ERJ6GEY0R00	M 0 OHM J 1/10W
JA31	ERJ6GEY0R00	M 0 OHM J 1/10W
JA32	ERJ6GEY0R00	M 0 OHM J 1/10W
JA33	ERJ6GEY0R00	M 0 OHM J 1/10W
△ JK351	TJSC01100	CRT SOCKET
JK2501	TJSF22915	15P CONNECTOR
JK3002	TJBA122	REAR TERMINAL
JK3151	TJBA094	FRONT TERMINAL
JS1	ERJ6GEY0R00	M 0 OHM J 1/10W
JS2	ERJ6GEY0R00	M 0 OHM J 1/10W
JS3	ERJ6GEY0R00	M 0 OHM J 1/10W
JS4	ERJ6GEY0R00	M 0 OHM J 1/10W
JS5	ERJ6GEY0R00	M 0 OHM J 1/10W
JS8	ERJ6GEY0R00	M 0 OHM J 1/10W
JS9	ERJ6GEY0R00	M 0 OHM J 1/10W
JS01	ERJ3GEY0R00	M 0 OHM 1/16W

	Ref. No	Part No.	Description			
	JS02	ERJ3GEY0R00	M	0 OHM		1/16W
	JS03	ERJ3GEY0R00	M	0 OHM		1/16W
	JS04	ERJ3GEY0R00	M	0 OHM		1/16W
	JS05	ERJ3GEY0R00	M	0 OHM		1/16W
	JS06	ERJ3GEY0R00	M	0 OHM		1/16W
	JS07	ERJ3GEY0R00	M	0 OHM		1/16W
	JS08	ERJ3GEY0R00	M	0 OHM		1/16W
	JS10	ERJ6GEY0R00	M	0 OHM	J	1/10W
	JS11	ERJ3GEY0R00	M	0 OHM		1/16W
	JS12	ERJ3GEY0R00	M	0 OHM		1/16W
	JS12	ERJ6GEY0R00	M	0 OHM	J	1/10W
	JS13	ERJ3GEY0R00	M	0 OHM		1/16W
	JS13	ERJ6GEY0R00	M	0 OHM	J	1/10W
	JS14	ERD25TC0	C	0 OHM		1/4W
	JS14	ERJ3GEY0R00	M	0 OHM		1/16W
	JS14	ERJ6GEY0R00	M	0 OHM	J	1/10W
	JS15	ERD25TC0	C	0 OHM		1/4W
	JS15	ERJ3GEY0R00	M	0 OHM		1/16W
	JS17	ERJ3GEY0R00	M	0 OHM		1/16W
	JS17	ERJ6GEY0R00	M	0 OHM	J	1/10W
	JS18	ERJ3GEY0R00	M	0 OHM		1/16W
	JS19	ERJ3GEY0R00	M	0 OHM		1/16W
	JS19	ERJ6GEY0R00	M	0 OHM	J	1/10W
	JS20	ERJ3GEY0R00	M	0 OHM		1/16W
	JS21	ERJ3GEY0R00	M	0 OHM		1/16W
	JS22	ERJ3GEY0R00	M	0 OHM		1/16W
	JS22	ERJ6GEY0R00	M	0 OHM	J	1/10W
	JS23	ERJ3GEY0R00	M	0 OHM		1/16W
	JS23	ERJ6GEY0R00	M	0 OHM	J	1/10W
	JS31	ERJ3GEY0R00	M	0 OHM		1/16W
	JS32	ERJ3GEY0R00	M	0 OHM		1/16W
	JS33	ERJ3GEY0R00	M	0 OHM		1/16W
	JS34	ERJ3GEY0R00	M	0 OHM		1/16W
	JS35	ERJ3GEY0R00	M	0 OHM		1/16W
	JS36	ERJ3GEY0R00	M	0 OHM		1/16W
	JS37	ERJ3GEY0R00	M	0 OHM		1/16W
	JS38	ERJ3GEY0R00	M	0 OHM		1/16W
	JS39	ERJ3GEY0R00	M	0 OHM		1/16W
	JS40	ERJ3GEY0R00	M	0 OHM		1/16W
	JS41	ERJ6GEY0R00	M	0 OHM	J	1/10W
	JS42	ERJ6GEY0R00	M	0 OHM	J	1/10W
	JS43	ERJ6GEY0R00	M	0 OHM	J	1/10W
	JS44	ERJ6GEY0R00	M	0 OHM	J	1/10W
	JS47	ERJ6GEY0R00	M	0 OHM	J	1/10W
	JS150	ERD25TC0	C	0 OHM		1/4W
△	RL801	TSEH0013	RELAY			
	RM1001	PNA4601M04TV	REMOTE CONTROL RECEIVER			
△	RTL	TNPA0796AC	CIRCUIT BOARD B2			
△	RTL	TNPA1180	CIRCUIT BOARD X (for TX-29P100T)			
△	RTL	TNPA1180AB	CIRCUIT BOARD X (for TX-33P100T)			
△	RTL	TNPA1181AB	CIRCUIT BOARD G1 (for TX-29P100T)			
△	RTL	TNPA1182	CIRCUIT BOARD H			
△	RTL	TNPA1184	CIRCUIT BOARD K1 (for TX-29P100T)			
△	RTL	TNPA1185	CIRCUIT BOARD T			
△	RTL	TNPA1230	CIRCUIT BOARD G2 (for TX-33P100T)			
△	RTL	TNPA1231	CIRCUIT BOARD K2 (for TX-33P100T)			
△	RTL	TNPA1323	CIRCUIT BOARD L (for TX-29P100T)			
△	RTL	TNPA1323AB	CIRCUIT BOARD L(for TX-33P100T)			
△	RTL	TNPA1343	CIRCUIT BOARD P1			
△	RTL	TNPA1345	CIRCUIT BOARD Z1 (for TX-29P100T)			
△	RTL	TNPA1445	CIRCUIT BOARD Z2 (for TX-33P100T)			
△	RTL	TNPA1587	CIRCUIT BOARD GM (for TX-33P100T)			
△	RTL	TNPH0235AB	CIRCUIT BOARD A (for TX-29P100T)			
△	RTL	TNPH0235AH	CIRCUIT BOARD A (for TX-33P100T)			
△	RTL	TXN/D10EUX	CIRCUIT BOARD D (for TX-29P100T)			
△	RTL	TXN/D10ETX	CIRCUIT BOARD D (for TX-33P100T)			
△	RTL	TXNDG10EUC	CIRCUIT BOARD DG			
	S501	TSEB8007	SLIDE SWITCH			
	S1001	EVQ81F05R	SWITCH			
	S1002	EVQ81F05R	SWITCH			

Ref. No	Part No.	Description
S1003	EVQ81F05R	SWITCH
S1004	EVQ81F05R	SWITCH
S1005	EVQ81F05R	SWITCH
S1006	EVQ81F05R	SWITCH
S1007	EVQ81F05R	SWITCH
S1008	ESB41A1154	SWITCH
X101	EFCKK6267K	CERAMIC FILTER
X102	EFCKK9351M	CERAMIC FILTER
X180	EFCWS2F11T	CERAMIC FILTER
X181	EFCS6R0MW5	CERAMIC FILTER
X182	EFCS6R5MW5	CERAMIC FILTER
X183	EFCS4R5MW5BA	CERAMIC FILTER
X201	CSB1000J527	CERAMIC FILTER
X202	TAF1066R0MT	CERAMIC FILTER
X203	EFCS6R5MS5	CERAMIC FILTER
X204	EFCS5R5MS5	CERAMIC FILTER
X205	EFCS4R5MS5	CERAMIC FILTER
X1101	TSSA096	CRYSTAL
X1300	TSSA072	CRYSTAL
X1301	TSSA072	CRYSTAL
X1302	TSSA124	CRYSTAL
X3001	TAFCSB503F15	CERAMIC FILTER
X3002	TAFCSB503F15	CERAMIC FILTER
X3501	TSSA121	CRYSTAL

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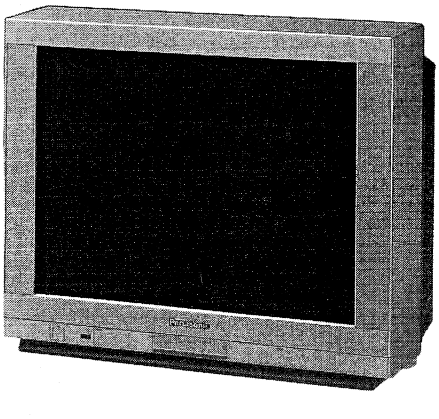
ORDER NO. ITD9812020C3

Service Manual

Colour Television

TX–29P100X/XM
TX–33P100X/XM/XA

MD2 Chassis



Specification

Model No.	TX–29P100X/XM	TX–33P100X/XM/XA
Power Source	AC Auto 110 - 240V, 50 / 60 Hz	
Power Consumption	191W / 0.7W (Stand-by condition)	219W / 0.7W (Stand-by condition)
Aerial Impedance	75Ω unbalanced, Coaxial type	
Tuning System	Frequency Synthesizer, 100 Position (POS) / 125 Position (DIRECT)	
Receiving System (21 System)	Reception of broadcast transmissions and Playback from Video Cassette Tape Recorders PAL B. G. H PAL I PAL D.K SECAM B.G SECAM D.K NTSC M SECAM K1 Playback from Special VCR's NTSC 4.43/5.5MHz NTSC 4.43/6.0MHz NTSC 4.43/6.5MHz NTSC 3.58/5.5MHz NTSC 3.58/6.0MHz NTSC 3.58/6.5MHz SECAM I Playback from Special Disc Players and Special VCR's PAL 60Hz/5.5MHz PAL 60Hz/6.0MHz PAL 60Hz/6.5MHz SECAM 60Hz/5.5MHz SECAM 60Hz/6.0MHz SECAM 60Hz/6.5MHz NTSC 50Hz/4.5MHz	
Intermediate Frequency	Video 38.0MHz Colour 33.57MHz(PAL) 33.6MHz (SECAM) 33.75MHz (SECAM) 34.42MHz (NTSC) Sound 31.5MHz(D,K) 32.0MHz(I) 32.5MHz(B,G) 33.5MHz (M)	
Video / Audio Terminals	AV1, 2, 3, 4 IN Y / P_B / P_R (Phono) Y : 1.0Vp-p 75Ω P_B, P_R : 0.7Vp-p 75Ω S-Video (Phono) Y : 1.0Vp-p 75Ω C : 0.3Vp-p 75Ω Video(Phono) 1Vp-p 75Ω Audio(Phono) Approx. 400mV 47kΩ Monitor OUT Video(Phono) 1Vp-p 75Ω Audio(Phono) Approx. 400mV 1kΩ	
RGB Input Terminal	D-sub 15-pin x 1 (VGA) : 640 x 400, 640 x 480	
High Voltage	31.5 ± 1.5KV at zero beam current	
Picture Tube	M68LQL186X Type 29 (73 cm), 104°deflection	M79LQM185X (TX-33P100XA) M79LQM186X (TX-33P100X/XM) Type 33 (85 cm), 104°deflection
Receiving Stereo System	NICAM I, NICAM B/G, NICAM D, A2 (German)	
Audio Output	40W(Max) [17W(Right)+17W(Left)+6W(Centre Speaker)]	
Dimensions	H : 570mm / W : 688mm / D : 492mm	H : 653mm / W : 790mm / D : 555mm
Weight (Mass)	51.0 kg(Net)	71.0 kg(Net)
Accessories Supplied	Remote Control Transmitter / R6(AA) Battery x 2 / 75Ω coaxial aerial plug	

Note : Mass and dimensions shown are approximate. Specifications are subject to change without notice.

Panasonic®

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⚠ WARNING

This service literature is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warning or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service literature by anyone else could result in serious injury or death.

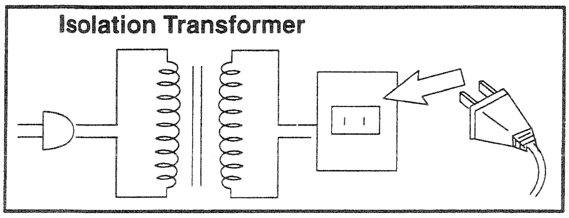
Contents

☐ **Specifications** .... Cover
☐ **Safety Precautions** 3
☐ **Location of Controls and Circuit Boards** 5
☐ **Service Hint** 6
☐ **Special Servicing Procedure** 8
☐ **Market Mode Function** 9
☐ **Adjustment** 13
☐ **Location of Lead Wiring** 18
☐ **Conductor Views** 21
☐ **Schematic Diagrams** 30
☐ **Parts Location & Mechanical Replacement Parts List** 44
☐ **Replacement Parts List** 45

Safety Precautions

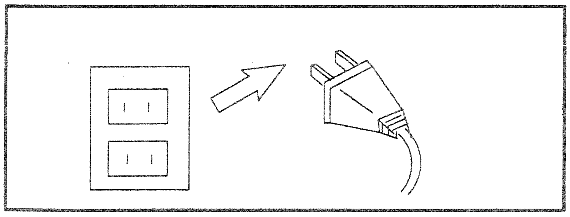
General Guide

1. It is advisable to insert an isolation transformer in the AC supply before servicing a hot chassis.



Isolation Transformer

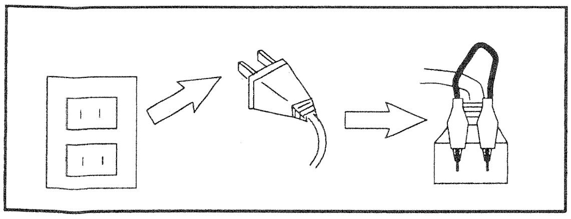
2. When servicing, observe the original lead dress, especially the lead dress in the high voltage circuits.
   If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.
3. After servicing, see to it that all the protective devices such as insulation barriers, insulation papers, shields, and isolation R-C combinations, are properly installed.
4. When the receiver is not to be used for a long period of time, unplug the power cord from the AC outlet.



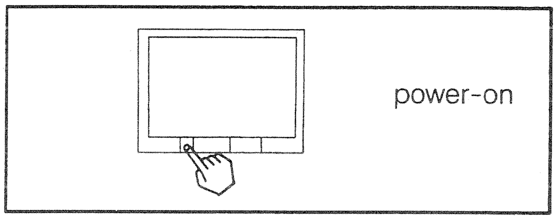
5. Potential, as high as **33.0 kV**, is present when this receiver is in operation. Operation of the receiver without the rear cover involves the danger of a shock hazard from the receiver power supply. Servicing should not be attempted by anyone who is not thoroughly familiar with the precautions necessary when working on high voltage equipment. Always discharge the anode of the picture tube to the receiver chassis before handling the tube.
6. After servicing make the following leakage current checks to prevent the customer from being exposed to shock hazards.

Leakage Current Cold Check

1. Unplug the AC cord and connect a jumper between the two prongs on the plug.



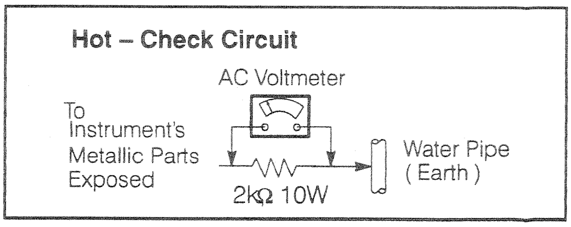
2. Turn on the receiver's power switch.



3. Measure the resistance value, with an ohmmeter, between the jumpered AC plug and each exposed metallic cabinet part on the receiver, such as screw heads, aerials, connectors, control shafts, etc. When the exposed metallic part has a return path to the chassis, the reading should be between 4 MΩ and 20 MΩ.
   When the exposed metal does not have a return path to the chassis, the reading must be ∞.

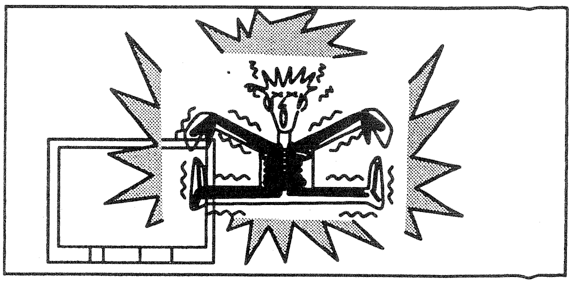
Leakage Current Hot Check

1. Plug the AC cord directly into the AC outlet. Do not use an isolation transformer for this check.
2. Connect a 2 kΩ, 10W resistor, in series with an exposed metallic part on the receiver and an earth such as a water pipe.
3. Use an AC voltmeter, with high impedance type, to measure the potential across the resistor.
4. Check each exposed metallic part,and measure the voltage at each point.



Hot – Check Circuit

5. Reverse the AC plug in the AC outlet and repeat each of the above measurements.
6. The potential at any point should not exceed **1.0 V rms**. In case a measurement is outside of the limits specified, there is a possibility of a shock hazard, and the receiver should be repaired and rechecked before it is returned to the customer.



X–Radiation

Warning :

1. The potential sources of X-Radiation in TV sets are the High Voltage section and the picture tube.
2. When using a picture tube test jig for service, ensure that jig is capable of handling **33.0kV** without causing X-Radiation.

Note : It is important to use an accurate periodically calibrated high voltage meter.

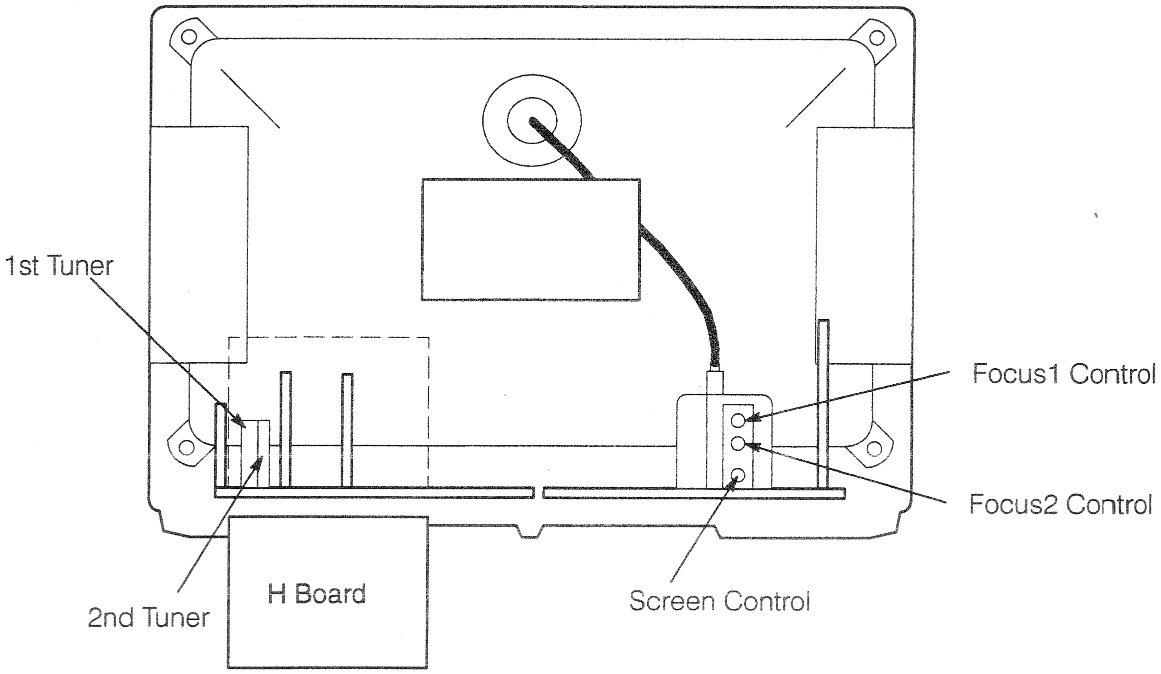
1. Set the brightness to minimum.
2. Measure the High Voltage. The meter reading should indicate **31.5 (+1.5, –1.5) kV.** If the meter indication is out of tolerance, immediate service and correction is required to prevent the possibility of premature component failure.
3. To prevent an X-Radiation possibility, it is essential to use the specified picture tube.

MEMO

Location of Controls and Circuit Boards

Location of Controls

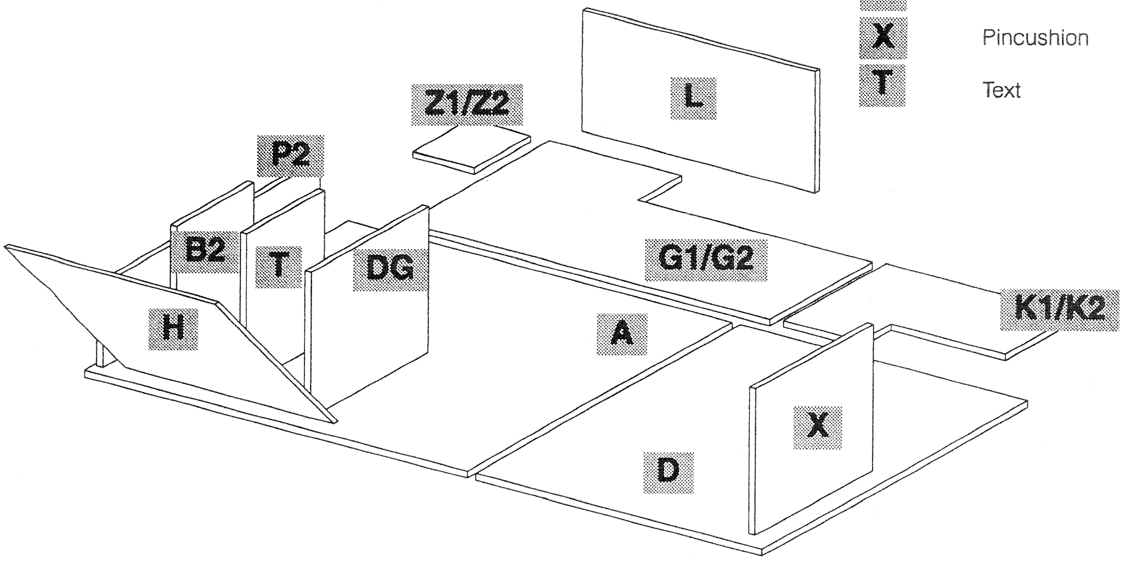
< Back View >


1st Tuner
Focus1 Control
Focus2 Control
2nd Tuner
H Board
Screen Control

Location and Function name of circuit boards

DG	Digital Core
G1/G2	Front AV Terminal
K1/K2	Front Control
Z1/Z2	RGB Terminal

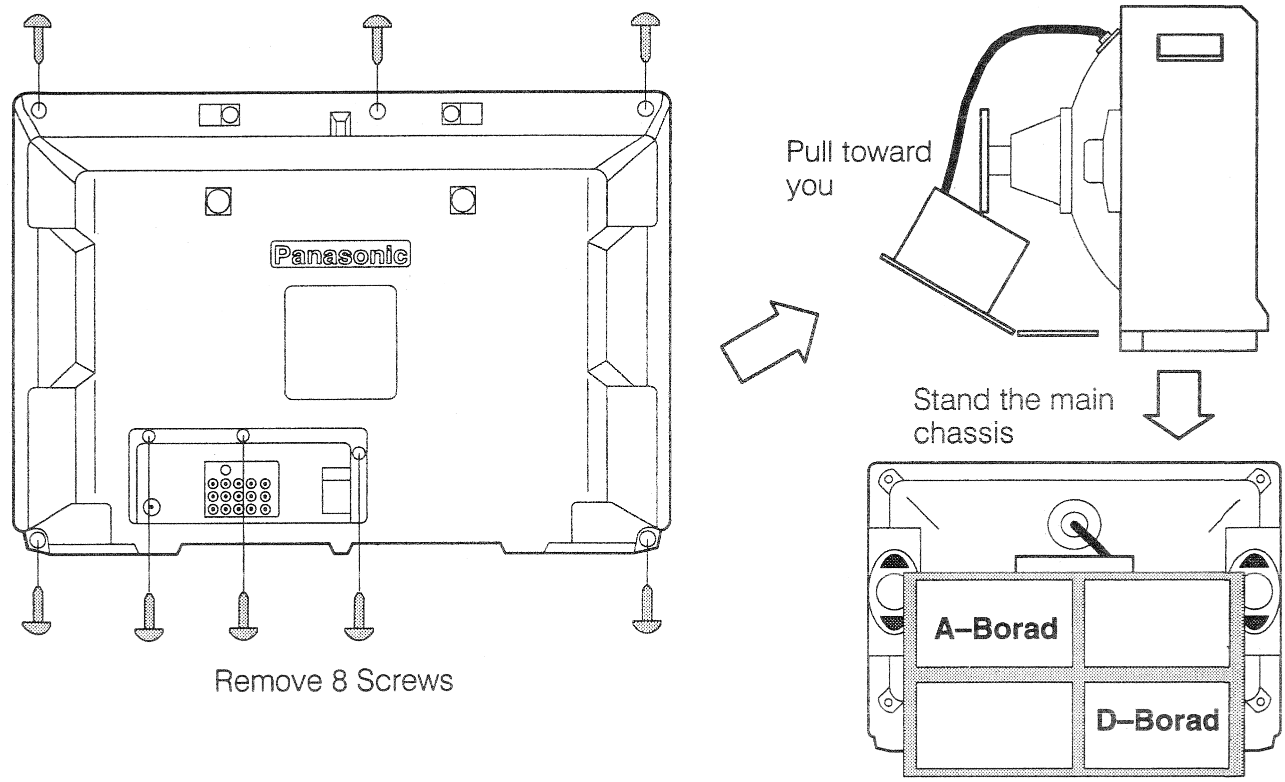
A	Tuner, Audio Amp
D	Power, Defrection
P2	Sub Power
B2	VIF/SIF, NICAM Stereo
H	AV Switching, Rear AV Terminal
L	RGB Drive
X	Pincushion
T	Text


Z1/Z2
L
P2
B2
T
DG
G1/G2
K1/K2
H
A
X
D

TX–29P100X/XM:TX–33P100X/XM/XA

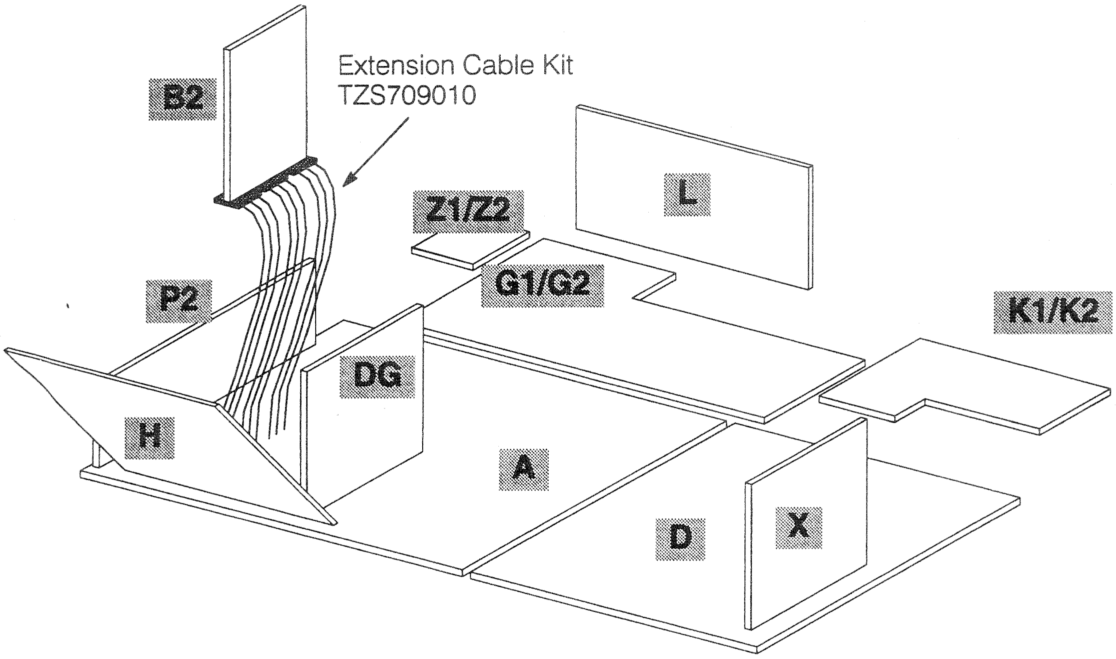
Service Hint

How to move chassis into service position


Panasonic
Remove 8 Screws
Pull toward you
Stand the main chassis
A–Borad
D–Borad

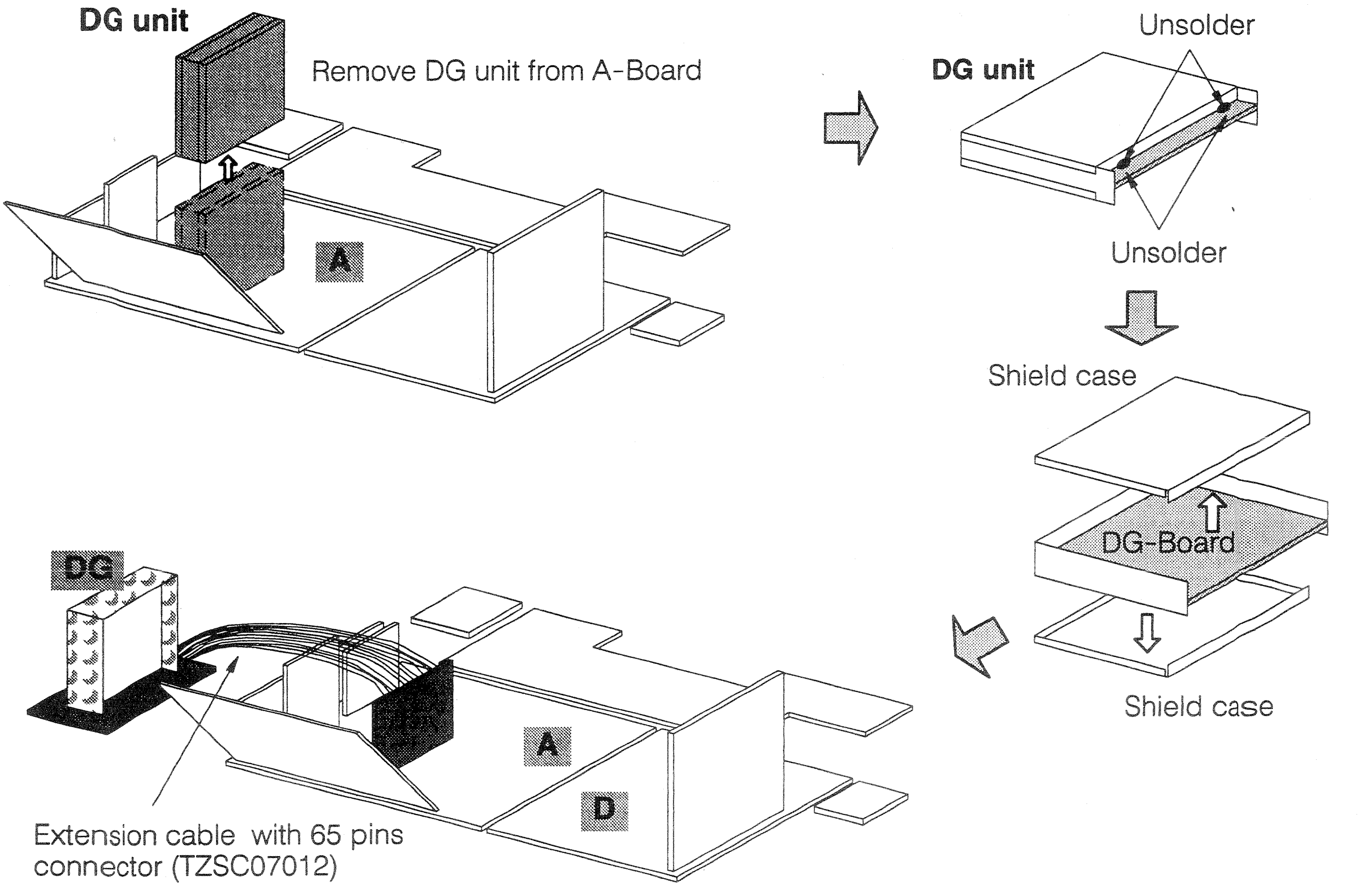
Service Position for B2 and X–boards.

☞ **Note :** Extension cable kit (4 pieces of 8 pin cables) is supplied as service fixtures and tools.
(Part No. TZS 709010).


B2
Extension Cable Kit
TZS709010
Z1/Z2
L
G1/G2
P2
K1/K2
DG
H
A
D
X

Service position For DG-Board.

☞ **Note :** Extension cable kit for DG Board is supplied as service fixtures and tools.
(Part No. TZSC07012)


DG unit
Remove DG unit from A-Board
A
DG unit
Unsolder
Unsolder
Shield case
DG-Board
Shield case
DG
A
D
Extension cable with 65 pins connector (TZSC07012)

Hotel Mode

Purpose

1. At Hotels, this Mode prevent customer from changing the TV preset data, such as Channel preset data.
   Note : THis Mode is useful for hotel, you should not get into " Hotel Mode" with Normal use.

Operation

1. To get into " Hotel Mode ", press the remote control " Off-Timer [⏲] " button and Channel up" [^] " key on the TV set simultaneously.
2. In this mode, The Channel up and down Function will be able as normal Mode, and The maximum volume level for this mode is set at the current volume level, that means setting at the level before entering the mode. However, other function will be disable.
3. **To exit This mode**, press the remote control " Off-Timer [⏲] " button and the "Volume Down [-] " key simultaneously.

* This Information is informed by Service Manual only.

Special Servicing Procedure

Self Check Function

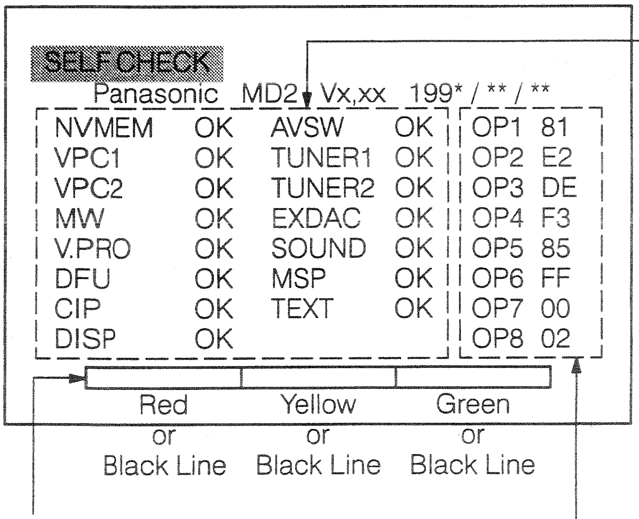
SELF CHECK is used to automatically check the Bus lines and Hexadecimal code of the TV set.
Contents of the Self Check is as follows.

1. Confirmation result for IC function
2. Protection Information

Procedure

1. Simultaneously push the OFF TIMER button [⏲] on the remote control and the VOLUME DOWN button [-] on the TV set.
2. The TV enters the self-check mode and the result are displayed on the screen .
3. Press power button on the front panel or remote controller to clear the self-check mode and return to the normal state.

On–Screen for SELFCHECK mode



```
SELF CHECK
  Panasonic  MD2  Vx,xx  199* / ** / **
NVMEM   OK   AVSW     OK   OP1  81
VPC1    OK   TUNER1   OK   OP2  E2
VPC2    OK   TUNER2   OK   OP3  DE
MW      OK   EXDAC    OK   OP4  F3
V.PRO   OK   SOUND    OK   OP5  85
DFU     OK   MSP      OK   OP6  FF
CIP     OK   TEXT     OK   OP7  00
DISP    OK                 OP8  02
```

Check result of IC
" OK " → Normal
" NG" → Abnormal
(Check IC or its nearby components)

NVMEM : IC1102 (A-Board)
VPC1 : IC1301 (DG-Board)
VPC2 : IC1302 (DG-Board)
MW : IC1304 (DG-Board)
V.PRO : IC1307 (DG-Board)
DFU : IC1308 (DG-Board)
CIP : IC1306 (DG-Board)
DISP : IC1309 (DG-Board)
AVSW : IC3001 (H1-Board)
TUNER1 : Tuner 1(TNR1) (A-Board)
TUNER2 : Tuner 2(TNR2) (A-Board)
EXDAC : IC1001 (A-Board)
SOUND : IC2401 (A-Board)
MSP : IC2001 (B2-Board)
TEXT : IC3504 (T-Board)

Protective information
Black : Normal
Red : Abnormal Voltage
Yellow : Shout Down
Green : Hold Down

Option Code display.
The numbers are displayed in hexadecimal.

Note : Option Code on the screen is fixed depend on each model.

How to replace Memory IC's

1. Many data which control circuit on the TV set are memorized in Memory IC.
2. When the Memory IC will be replaced, re-memorize option code (page 9) and Memory data (page 10) and re-adjust the Correct Deflection and White Balance.

Ref. No.	Parts No.
IC1102	TVRJ214

Market Mode Function

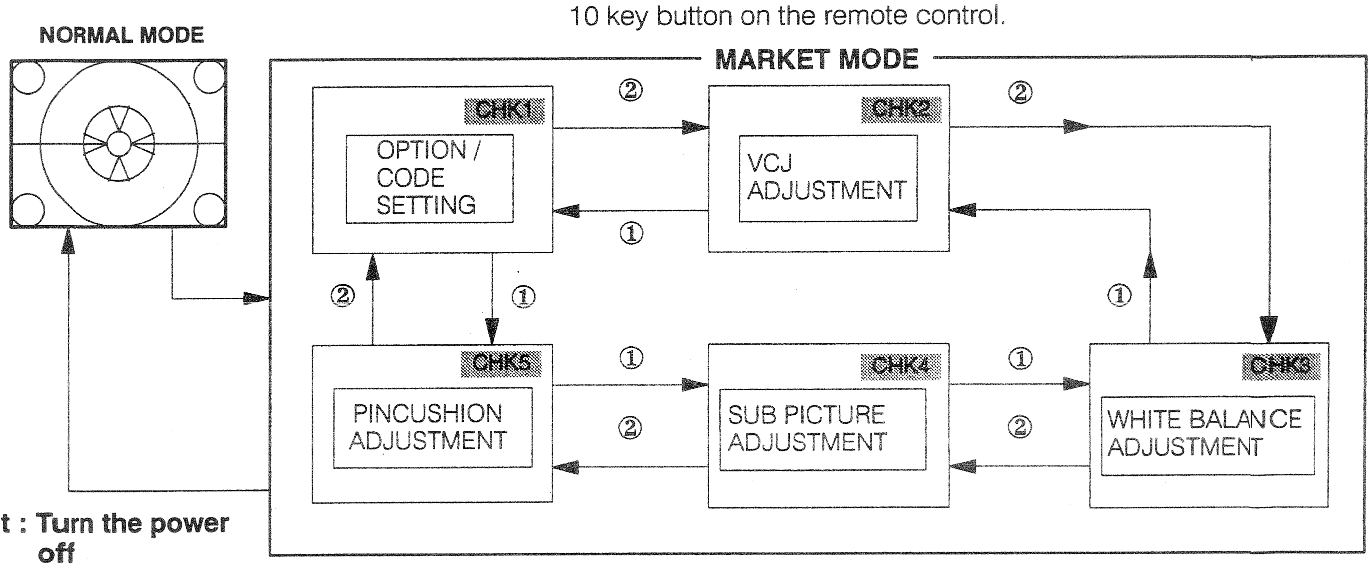
Outline : MPU controls the functions switching for each ICs through IIC bus in MD2 chassis. The following setting and adjustment can be adjusted by remote control in Market Mode.

1. Selection of Market Mode

Adjust VOLUME " zero " and set OFF TIMER Button [⏲] (turn on the off timer).
Then, simultaneously press the RECALL[⊞]Button on the remote control and the VOLUME DOWN button [-] on the TV set.

2. Selection of CHK Mode

Cursor moves each CHK mode by pressing " ① " or " ② " of 10 key button on the remote control.


NORMAL MODE
MARKET MODE
CHK1
OPTION / CODE SETTING
CHK2
VCJ ADJUSTMENT
CHK3
WHITE BALANCE ADJUSTMENT
CHK4
SUB PICTURE ADJUSTMENT
CHK5
PINCUSHION ADJUSTMENT
①
②

Exit : Turn the power off

1. Option Code Setting Mode (CHK 1)

If the memory IC (IC1102) is replaced, optional code should be re-memorized. Option code can be changed by pressing Volume "+' or "-" button. To memorize, press" 0 " of 10 key button.

CHK 1

OPTION SETTING

CHK1

OPTION	
OP1	81
OP2	00
OP3	00
OP4	F3
OP5	01
OP6	FF
OP7	00
OP8	02

To memorize, press "0" of 10 key button.

For TX-33P100XA

OPTION	
OP1	91
OP2	62
OP3	DE
OP4	F3
OP5	85
OP6	FF
OP7	73
OP8	02

For TX-33P100X/XM
TX-29P100X/XM

OPTION	
OP1	81
OP2	62
OP3	DE
OP4	F3
OP5	85
OP6	FF
OP7	73
OP8	02

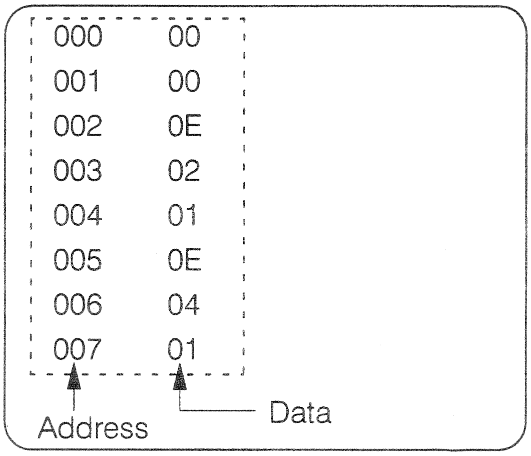
Operating Method of Memory Edit Mode

1. The Memory Edit Mode can be entered from the Market mode CHK1.
2. Simultaneously press the MUTE [🔇] Button on the remote control and the VOLUME DOWN Button [-] on the TV set.
3. Selectthe address by pressing CURSOR UP [▲] / DOWN [▼] Button for each eight address or pressing CURSOR LEFT [◀] / RIGHT [▶] Button for each address.
4. Adjust the data by pressing VOLUME "+" / "-" Button.
5. To memorize the data, press "0" of 10 key Button.
6. Repeat step 3 to 5 for each address memorization.
7. Go back to CHK1 mode by pressing "1" or "2" of 10 key Button on the remote control.

☞ **Note** : Spare part of IC1102 (TVRJ214) is already memorized all Data for TC-29P100R.
If use for other model, you should re-memorize the following address Data.

Re–memorize Address and Data

	address
	301
TC-29P100G TC-29P100H TC-33P100G TC-33P100H	4B



MEMORY EDIT MODE

2. VCJ Adjustment Mode (CHK 2)

To change the screen (item) in CHK mode, press " 3 " or " 4 " of 10 key button. Then Data can be changed by pressing Volume "+" or "-" button.

No.	Display	Adj. Range	Average Data	Items
			CHK 2	
1	RF AGC	0 ~ 127	81	RF AGC
2	CONTRAST	0 ~ 63	63	Contrast (the same as user control)
3	SUB CONTRAST	0 ~ 63	17	Sub Contrast
4	COLOUR	0 ~ 63	32	Colour (the same as user control)
5	SUB COLOUR	0 ~ 63	28	Sub Colour (for 3.58MHz)
6	NTSC-TINT	0 ~ 63	32	NTSC TINT (the same as user control)
7	SUB NTSC-TINT	-128 ~ 127	1	Sub NTSC TINT
8	VIDEO GAIN	0 ~ 255	162	Video Gain
9	OSD POSITION	0 ~ 20	4	On-Screen Display Positon
10	TEXT POSITION	0 ~ 127	125	TELETEXT Position
11	DVCO ADJ	-1 ~ 1	0	DVCO Adjustment
12	RGB SUB CONT	0 ~ 63	63	RGB Sub Contrast

3. White Balance Adjustment Mode (CHK3)

To change the screen (item) in CHK mode, press " 3 " or " 4 " of 10 key button. Then Data can be changed by pressing Volume "+" or "-" button.

No.	Display	Adj. Range	Average Data	Items
			CHK 3	
1	BRIGHT	0 ~ 63	32	Bright (the same as user control)
2	SUB BRIGHT	0 ~ 63	47	Sub Bright
3	R-DRIVE	0 ~ 63	32	Red Drive
4	G-DRIVE	0 ~ 63	26	Green Drive
5	B-DRIVE	0 ~ 63	34	Blue Drive
7	CUT OFF	-1 ~ 0	-1	Cut Off

4. Sub Picture Adjustment Mode (CHK 4)

To change the screen (item) in CHK mode, press " 3 " or " 4 " of 10 key button. Then Data can be changed by pressing Volume "+" or "-" button.

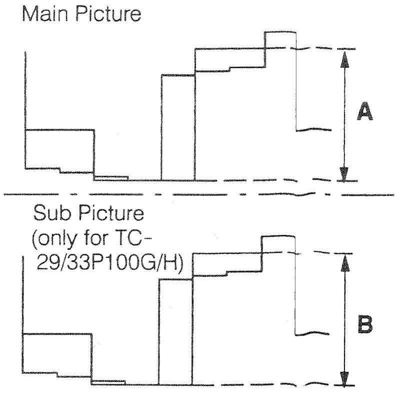
No.	Display	Adj. Range	Average Data	Items
			CHK 4	
1	RF-AGC2	0 ~ 127	54	RF AGC2
2	SUB CONTRAST2	0 ~ 255	217	Sub Contrast2
3	SUB NTSC-TINT2	-128 ~ 127	0	Sub NTSC TINT2
4	100Hz V-S-CORRE.	0 ~ 63	26	Vertical S curve Correction (50Hz) : for Sub Picture
	120Hz V-S-CORRE.	0 ~ 63	7	Vertical S curve Correction (60Hz) : for Sub Picture
5	100Hz V-CENTER	0 ~ 63	63	Vertical Center (50Hz) : for Sub Picture
	120Hz V-CENTER	0 ~ 63	63	Vertical Center (60Hz) : for Sub Picture
6	DVCO ADJ2	-1 ~ 1	0	DVCO Adjustment2

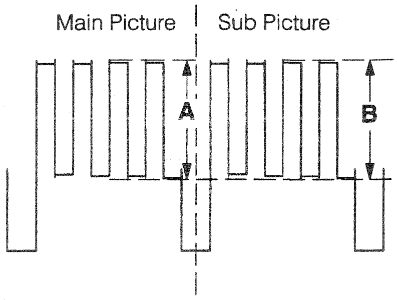
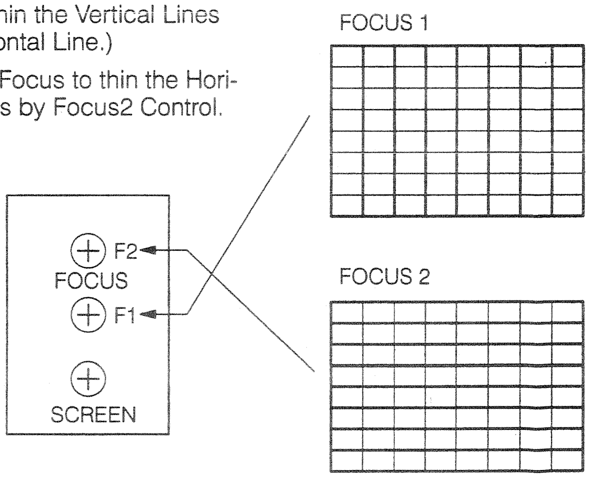
5. Pincushion Adjustment Mode

To change the screen (item) in CHK mode, press " 3 " or " 4 " of 10 key button. Then Data can be changed by pressing Volume "+" or "-" button.

No.	Display	Adj. Range	Average Data CHK 5	Items
1	100Hz H-WIDTH	0 ~ 63	32	Horizontal Width (50Hz)
	120Hz H-WIDTH	0 ~ 63	23	Horizontal Width (60Hz)
2	100Hz EW-PARABOLA	0 ~ 63	43	EW-Parabola (50Hz)
	120Hz EW-PARABOLA	0 ~ 63	39	EW-Parabola (60Hz)
3	100Hz EW-CORNER	0 ~ 63	0	EW-Corner (50Hz)
	120Hz EW-CORNER	0 ~ 63	0	EW-Corner (60Hz)
4	100Hz V-HEIGHT	0 ~ 63	39	Vertical Height (50Hz)
	120Hz V-HEIGHT	0 ~ 63	54	Vertical Height (60Hz)
5	100Hz V-S-CORRE.	0 ~ 63	5	Vertical S curve Correction (50Hz)
	120Hz V-S-CORRE.	0 ~ 63	15	Vertical S curve Correction (60Hz)
6	100Hz H-CENTER	0 ~ 63	34	Horizontal Center (50Hz)
	120Hz H-CENTER	0 ~ 63	40	Horizontal Center (60Hz)
7	100Hz V-CENTER	0 ~ 63	14	Vertical Center (50Hz)
	120Hz V-CENTER	0 ~ 63	9	Vertical Center (60Hz)
8	100Hz TRAPEZOID	0 ~ 63	36	Trapezoid (50Hz)
	120Hz TRAPEZOID	0 ~ 63	42	Trapezoid (60Hz)
9	100Hz H-PARALLEL	0 ~ 63	19	Horizontal Parallel (50Hz)
	120Hz H-PARALLEL	0 ~ 63	6	Horizontal Parallel (60Hz)

Adjustments

Item / Preparation	Adjustment Procedure
B Voltage 1. Operate the TV set. 2. Set Beam to 0 beam. Set to Volume to Minimum.	1. Confirm that the indicated test points for the specified voltage: **TPD10** : 40.0 ± 10.0V, **TPD12** : 14.0 ± 1.0V **TPD15** : 15.0 ± 1.0V, **TPD16** : 140. 0 ± 2.0V **TPD17** : 6.5 ± 0.5V, **TPD19** : 225.0 ± 10.0V **D836–C**: 23.0 ± 1.5V, **TPA21** : 3.4 ± 0.5V **TPA23** : 8.0 ± 0.5V, **TPA24** : 5.2 ± 0.5V **TPA25** : 9.0 ± 0.5V, **TPA27** : 5.2 ± 0.5V **TPA28** : 12.0 ± 0.5V, **TPA39** : 5.0 ± 0.5V **TPA52** : 8.0 ± 0.5V, **TPA7** : 5.2 ± 0.5V **(only for TC–29/33P100G/H)** **TPA47** : 9.0 ± 0.5V **(only for TC–29/33P100G/H)**
High Voltage 1. Operate the TV set. 2. Set Beam to 0 beam. Set to controls; SCREEN VR .... minimum CONTRAST .... minimum	1. Connect a DC voltage meter to **TPD16** and confirm the voltage is **140.0 ± 2.0V** 2. Connect a high voltage meter (Electrostatic Type) to an anode of the picture tube. 3. Confirm that the high voltage is within the range of **31.5 ± 1.5 kV(for TC–29P100G/H/R) or** **32.0 ± 1.5 kV(for TC–33P100G/H)**.
RF AGC (Main picture) 1. Receive a colour bar pattern. 2. Set the input level to TC-29/33P100G/H : 62dB (+1/-2dB) TC-29P100R : 64dB (+1/-2dB) (75 Ω opened) 3. Connect an oscilloscope to **TPA1** with DC mode.	1. Set the TV to MARKET MODE [CHK2 mode]. 2. Adjust RF AGC Control so that the voltage at TPA1 becomes **6.2 ± 0.5 V**. 3. Increase the input level by 2 dB and confirm that the voltage changes.
RF AGC 2(Sub picture) 1. Receive a colour bar pattern. 2. Set the input level to 70dB (+1/-2dB). (75 Ω opened) 3. Connect an oscilloscope to **TPA8** with DC mode.	1. Set the TV to MARKET MODE [CHK4 mode] . 2. Adjust RF AGC2 Control so that the voltage at TPA8 becomes **6.2 ± 0.5 V**. 3. Increase the input level by 2 dB and confirm that the voltage changes.
Sub Contrast 1. Receive a colour bar pattern. 2. Connect an oscilloscope to **TPL7 (L–Board)**. 3. Select "PICTURE ACTION" mode using the Custom Menu button and normalize by pressing the "(N)" button. ; MENU .... STANDARD P.AI .... OFF	1. Set the TV to MARKET MODE [CHK2 mode]. Adjust Sub Contrast Control : **A = 85.0 ± 2.0Vp–p** 2. Set the TV to MARKET MODE (CHK4 mode : except TC-29P100R) Adjust Sub Contrast 2 Control : **B = 85.0 ± 2.0Vp–p**  Main Picture A Sub Picture (only for TC-29/33P100G/H) B

Item / Preparation	Adjustment Procedure
PAL Colour Output 1. Receive a colour bar pattern. 2. Connect an oscilloscope to **TPL7 (L-Board).** 3. Select "PICTURE ACTION" mode using the Custom Menu button and normalize by pressing the "(N)" button. ; MENU .... STANDARD P.AI .... OFF 4. Conform that the Pedestal level of main and sub waveforms are same level.	1. Conform that the Pedestal level of main and sub waveforms are same level. 2. Set the TV to MARKET MODE [VCJ (PUCTURE) mode]. Adjust Sub Colour Control : **A = 86.0 ± 2.0Vp-p** 3. Confirm that the A and B waveforms are same level. 4. Confirm that the Pedestal level of main and sub waveforms are same level. 
Focus 1. Receive a cross-hatch pattern signal.	1. Adjust the Focus to thin all the Lines by Focus1 Control. (Prefer to thin the Vertical Lines than Horizontal Line.) 2. Adjust the Focus to thin the Horizontal Lines by Focus2 Control. 

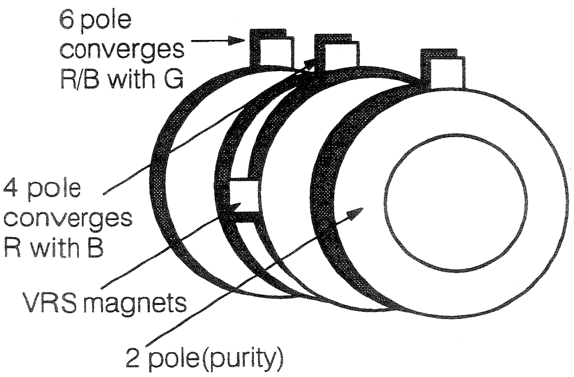
VRS Adjustment

VRS Adjustment

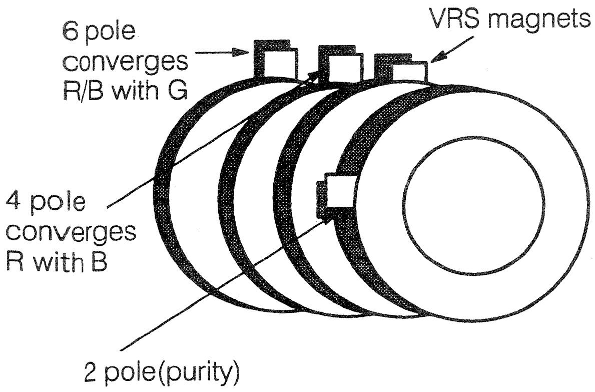
1. Receive a colour bar signal, and operate the TV set more than 15 minutes.
2. Set the 2 pole (purity magnets), the VRS magnets, 4 pole and 6 pole magnets(Static convergence magnets) so that they are uncompensated.
3. Push the Deflection Yoke to the front and temporarily set so that there is no slant in the horizontal direction.
4. Adjust by opening the VRS magnets equally above and below so that the A point, B point and C point horizontal lines are parallel with the center line of the pattern.
5. Adjust Purity and Convergence adjustment, after VRS adjustment.

Simplified VRS Adjustment Method.

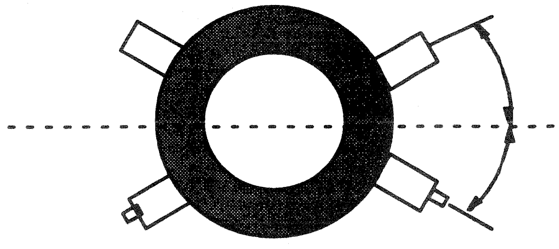
1. Adjust in the same manner as previous item1. and 2. above. Then adjust by opening the VRS magnets equally above and below so that the horizontal lines are aligned with the vertical center marks set horizontally to the left and right.


6 pole
converges
R/B with G
4 pole
converges
R with B
VRS magnets
2 pole(purity)

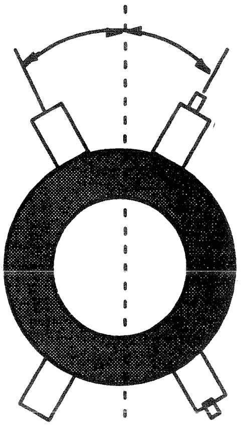
Setting of CY magnets (33 inch models)


6 pole
converges
R/B with G
VRS magnets
4 pole
converges
R with B
2 pole(purity)

Setting of CY magnets (29 inch models)

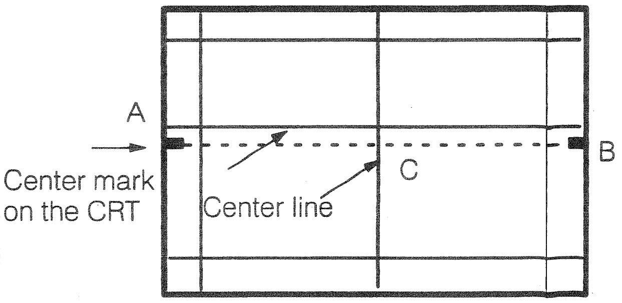


33 inch models

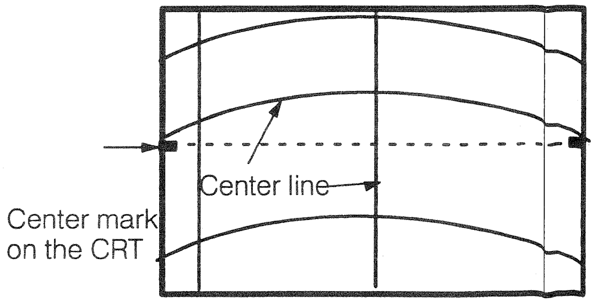


29 inch models

Opening for VRS magnets


A
Center mark
on the CRT
Center line
C
B

Good adj.

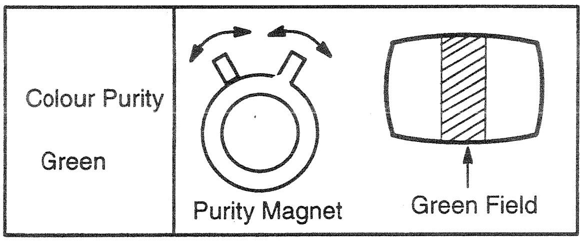

Center line
Center mark
on the CRT

Not good Adj.

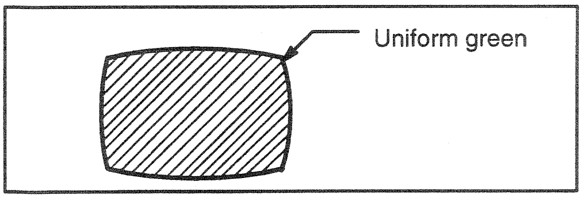
Before Colour Purity, Convergence and White Balance adjustments are attempted, V. Center, V. Height, H. Width, H. Center and Focus adjustments must be completed.

Colour Purity

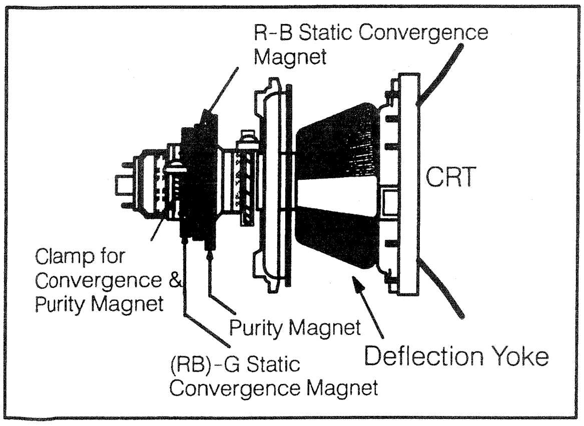
1. Set Bright and Contrast controls to their maximum positions.
2. Operate the TV set over 15 minutes.
3. Fully degauss the picture tube by using an external degaussing coil.
4. Apply a crosshatch pattern signal and adjust roughly the static convergence magnets.
5. Receive a green pattern signal.
6. Loosen a clamp screw for the deflection yoke and move the deflection yoke as close to the purity magnet as possible.
7. Adjust the purity magnet so that a vertical green field is obtained at center of the screen.


Colour Purity
Green
Purity Magnet
Green Field

8. Slowly press the deflection yoke and set it where a uniform green field is obtained.

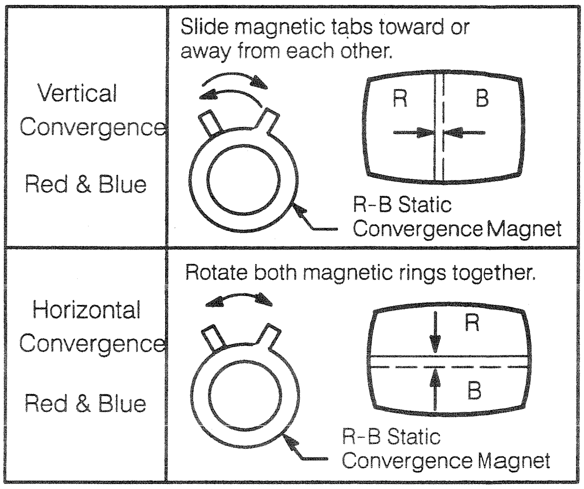

Uniform green

9. Adjust roughly the Low Light controls and make sure that a uniform white field is obtained.
10. Tighten the clamp screw.

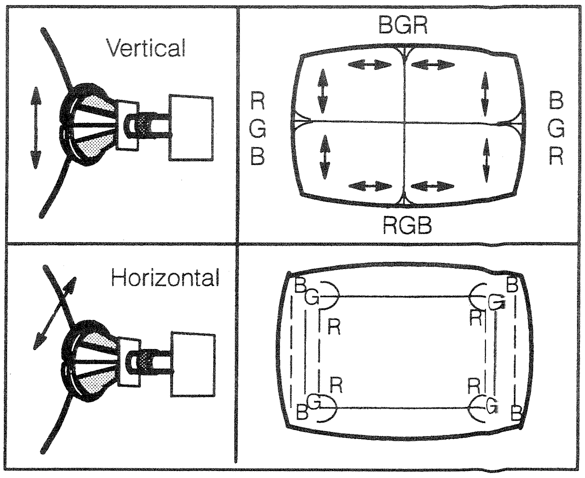

R-B Static Convergence Magnet
CRT
Clamp for Convergence & Purity Magnet
Purity Magnet
(RB)-G Static Convergence Magnet
Deflection Yoke

Convergence

1. Apply a crosshatch pattern signal and set Contrast control to the maximum position.
2. Adjust Bright control to obtain a clear pattern.
3. Adjust Red and Blue line at center of the screen by rotating R-B static convergence magnet.

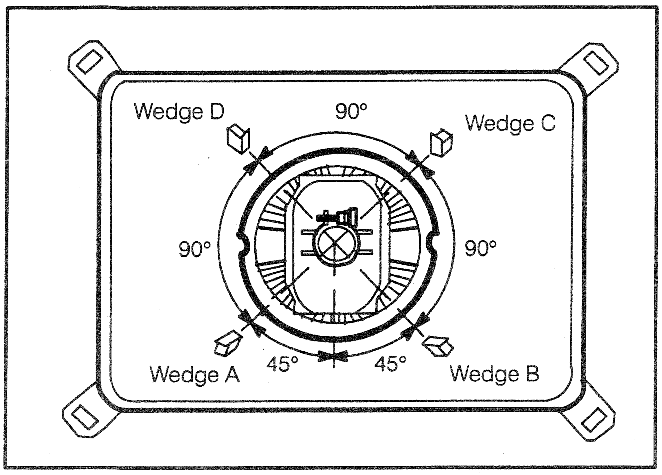

Vertical Convergence
Red & Blue
Slide magnetic tabs toward or away from each other.
R
B
R-B Static Convergence Magnet
Horizontal Convergence
Red & Blue
Rotate both magnetic rings together.
R
B
R-B Static Convergence Magnet

4. Adjust Red and Blue with Green line at center of the screen by rotating (RB) - G static convergence magnet.
5. Lock convergence magnets with silicone sealer.
6. Remove the DY wedges and slightly tilt the deflection yoke the vertically and horizontally to obtain the good overall convergence.


Vertical
BGR
R
G
B
B
G
R
RGB
Horizontal
B
G
R
B
G
R
R
B
G
R
R
G
B

7. Fix the deflection yoke by reinserting the DY wedges.
8. If purity error is found, repeat "Colour Purity" adjustment.

DY Fixing



1. Wedge A shown in should be fixed within a range of 45 ° to the left of the vertical line as shown.
2. After inserting wedge A, insert wedges B, C and D. The wedges should be set 90° apart from each other.
3. Be certain that the four wedges are firmly fixed and the Deflection Yoke is tightly clamped in place. Otherwise the Deflection Yoke may shift its position and cause a loss of convergence and purity.

White Balance

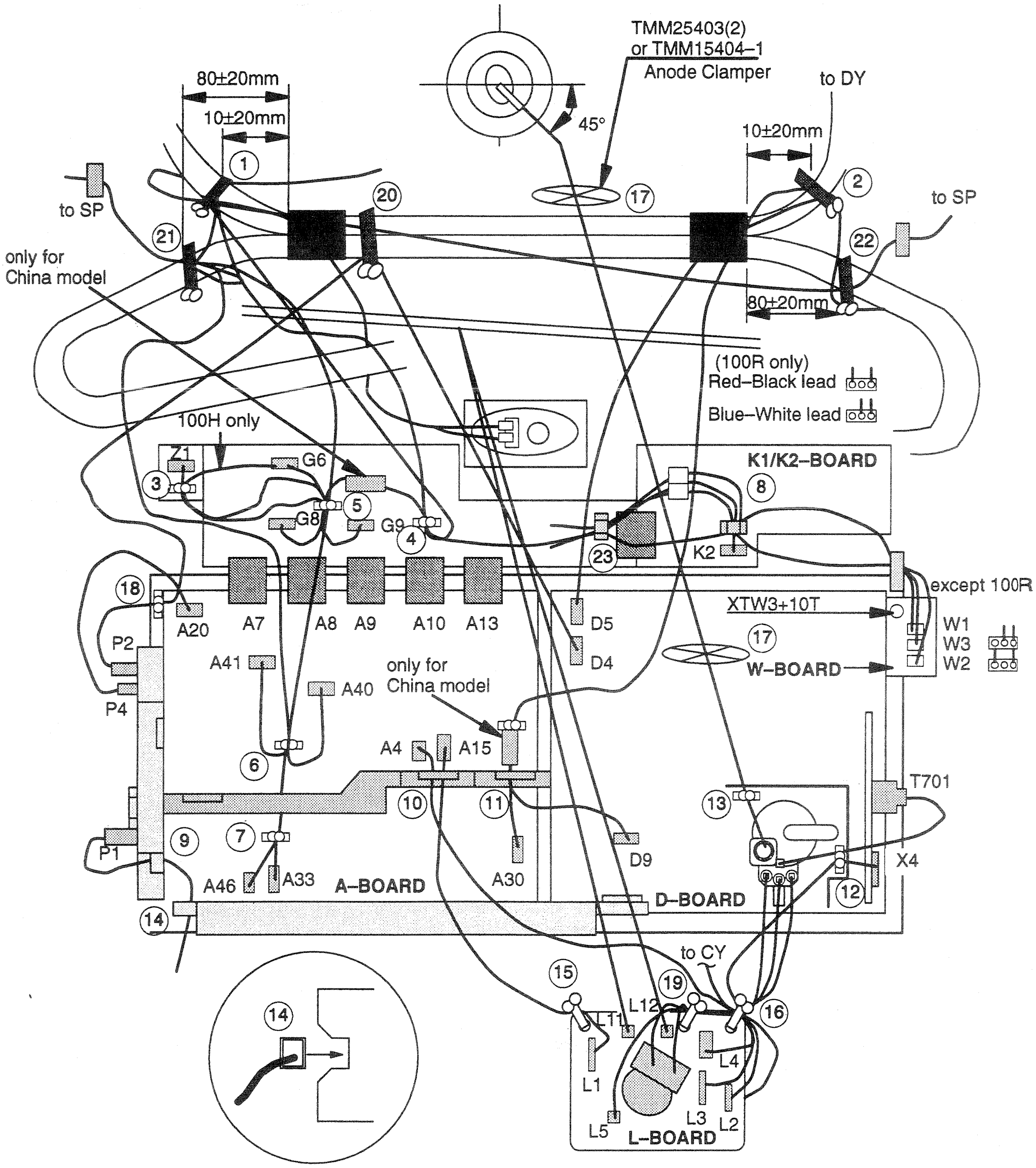
Automatic White Balance system is introduced in MD2 chassis. This system adjusted automatically according to the varied scene after adjustment of the standard white balance.

1. Receive a whole black pattern signal from signal generator and operate the TV set more than 30 minites.
2. Set the TV to Market Mode CHK3 (White Balance mode) and select the item CUT OFF.
3. Adjust SCREEN Control at Flyback transformer so that the indication level of CUT OFF become 0 (zero).

☞ **Note** :

R, G and B-DRIVE adjustment are not required since these data are fixed by factory.

Location of Lead Wiring


TMM25403(2)
or TMM15404–1
Anode Clamper
80±20mm
10±20mm
45°
to DY
10±20mm
to SP
to SP
only for
China model
80±20mm
(100R only)
Red–Black lead
Blue–White lead
100H only
Z1
G6
G8
G9
K1/K2–BOARD
K2
except 100R
A20
A7
A8
A9
A10
A13
D5
D4
XTW3+10T
W1
W3
W2
W–BOARD
P2
P4
A41
A40
only for
China model
A4
A15
T701
X4
P1
A46
A33
A–BOARD
A30
D9
D–BOARD
to CY
L12
LT1
L1
L4
L3
L2
L5
L–BOARD
①
②
③
④
⑤
⑥
⑦
⑧
⑨
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⑪
⑫
⑬
⑭
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⑰
⑱
⑲
⑳
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㉓

Hooks Lead wire	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭	⑮	⑯	⑰	⑱	⑲	⑳	㉑	㉒	㉓
P4 - A20																							
P2 - D4	●																	●		●	●		
G6 - A46					●	●	●																
Z1 - A33			●		●	●	●																
Anode													●				●						
W2	●			●				●															●
P1 (AC code)									●					●									
X4 - L3												●				●							
T701												●											
L4 - A4										●						●							
L1 - A15										●					●								
DY (D9)		●									●												
DY (A30)		●									●												
CRT LEAD(RED)																●			●				
CRT LEAD(WHITE)																●			●				
G8 - SP(RIGHT)	●			●	●																		
G8 - SP(CENTRE)	◎			●	●																		
G9 - SP (LEFT)	●			●	●																	●	
W3 - DEG	◎			●	●																		●
D5 - DEG		●																				●	
CY - L2																●							
A40						●															●		
A41	●					●															◎		
L5 (SCREEN)																●			●				
G6			●																				

◎ : Wind up second time ● : only TC-29/33P100H

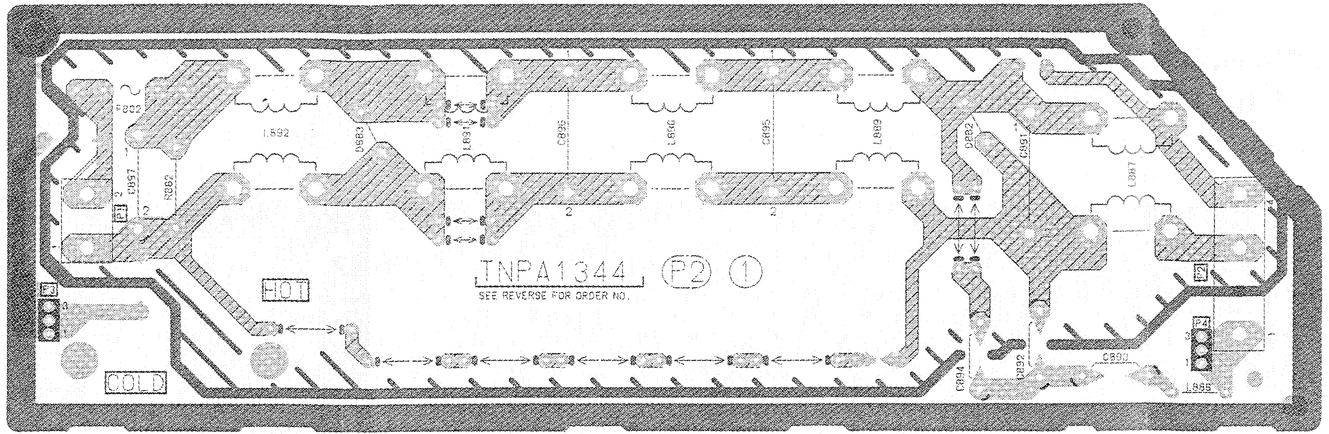
Note:

The anode leads should be separated at least 20mm from the CRT, SP Box, P.C.B. and the Back Cover.

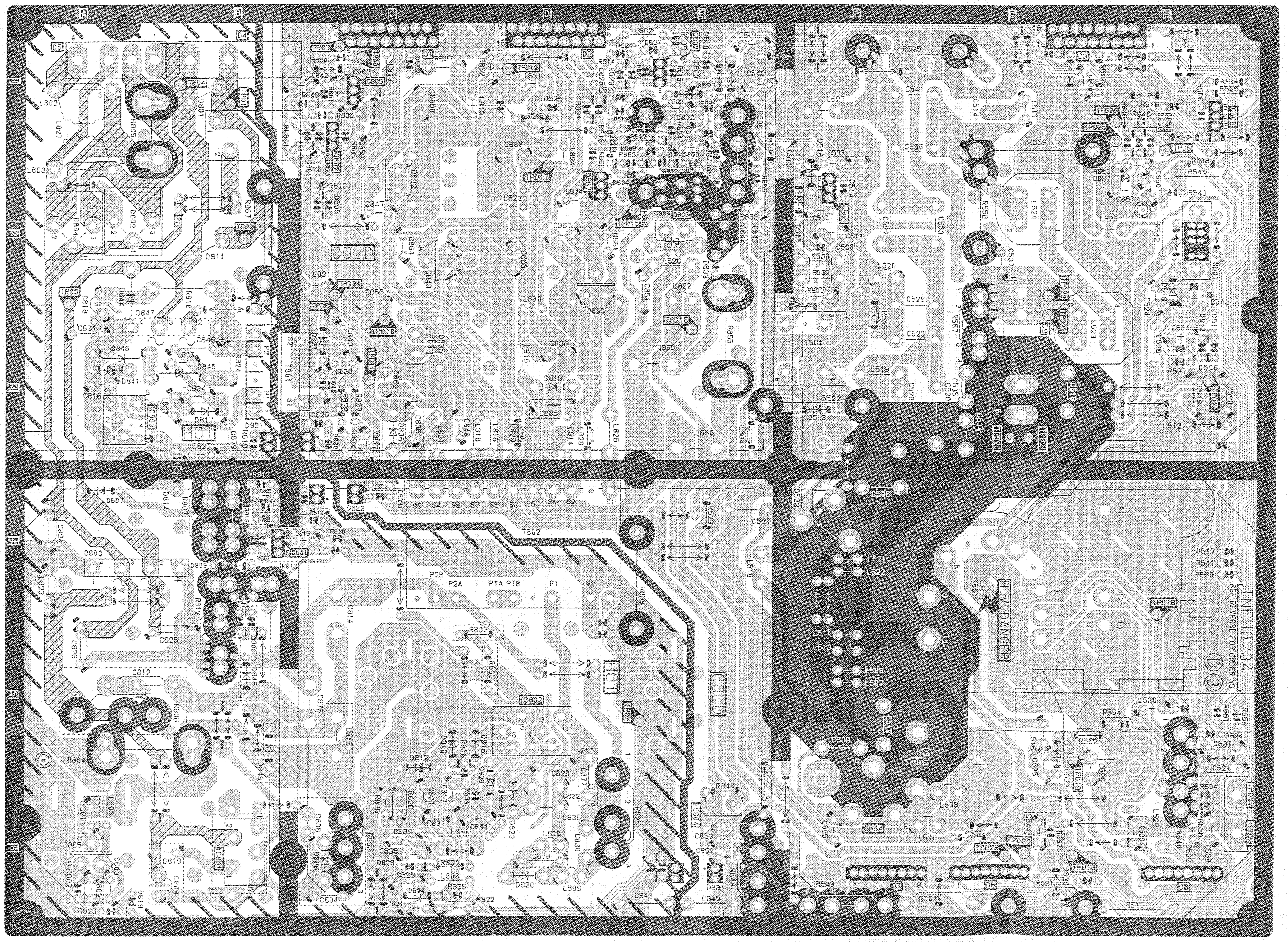
Memo :

Conductor Views

P2–BOARD
TNPA1344


TNPA1344 (P2) ①
SEE REVERSE FOR ORDER NO.
HOT
COLD

D–BOARD
TNPH0234AB (for TX–29P100X/XM)
TNPH0234AC (for TX–33P100X/XM/XA)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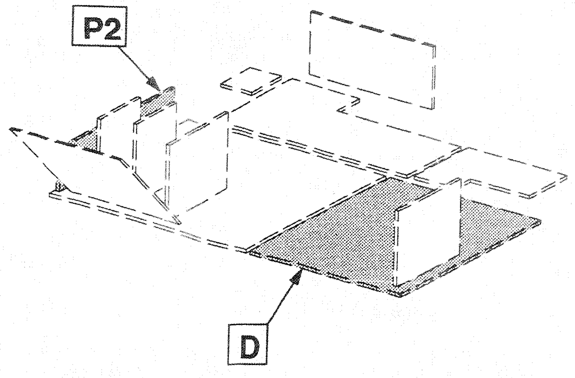
G
H
HOT
COLD
DANGER
TNPH0234

PARTS LOCATION

D-BOARD	
IC	
IC802	C-2
IC803	A-3
IC804	D-1
TRANSISTOR	
Q502	D-5
Q503	D-4
Q504	E-1
Q506	F-4
Q802	B-4
Q805	B-5
Q806	
Q807	C-4
TP	
TPD1	B-5
TPD2	B-4
TPD3	A-4
TPD4	A-5
TPD5	D-2
TPD6	F-4
TPD7	B-5
TPD8	B-4
TPD9	B-5
TPD10	B-3
TPD11	B-3
TPD12	C-5
TPD13	F-1
TPD14	F-3
TPD15	D-4
TPD16	D-3
TPD17	C-4
TPD18	F-2
TPD19	F-1
TPD20	E-3
TPD21	E-3
TPD22	F-3
TPD23	F-4
TPD24	B-3
TPD25	F-4
TPD26	F-4
TPD27	F-1
TPD28	F-1
TPD29	E-1
TPD30	E-1

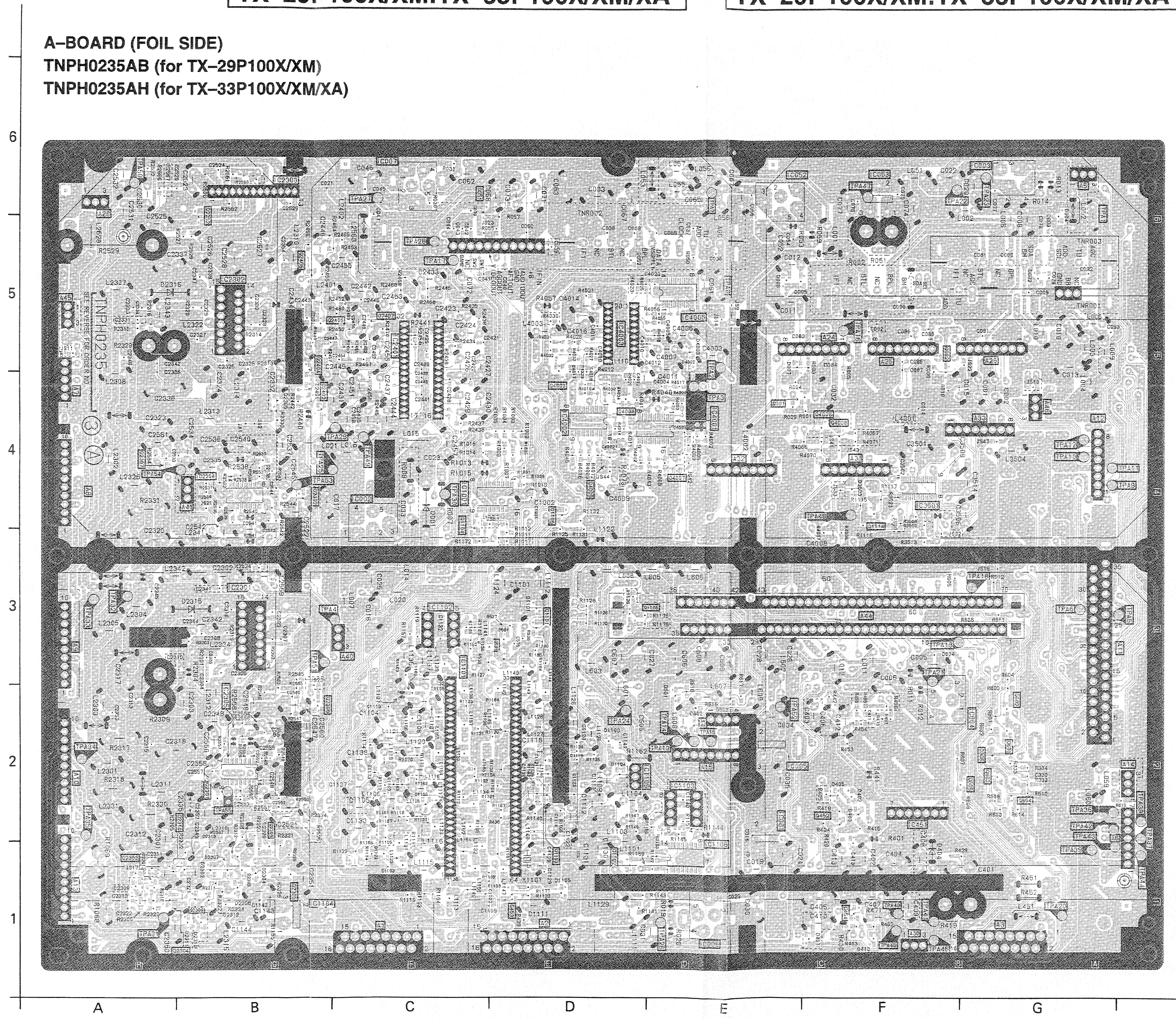
ADDRESS INFORMATION

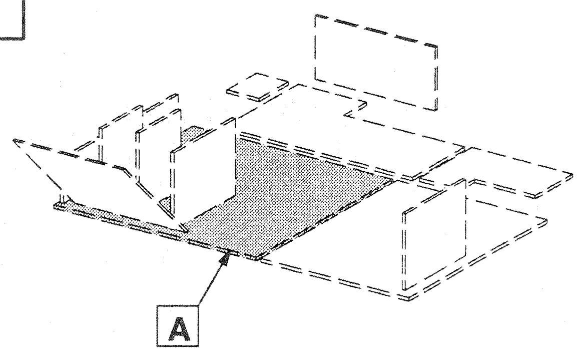


A-BOARD (FOIL SIDE)

TNPH0235AB (for TX-29P100X/XM)

TNPH0235AH (for TX-33P100X/XM/XA)





PARTS LOCATION

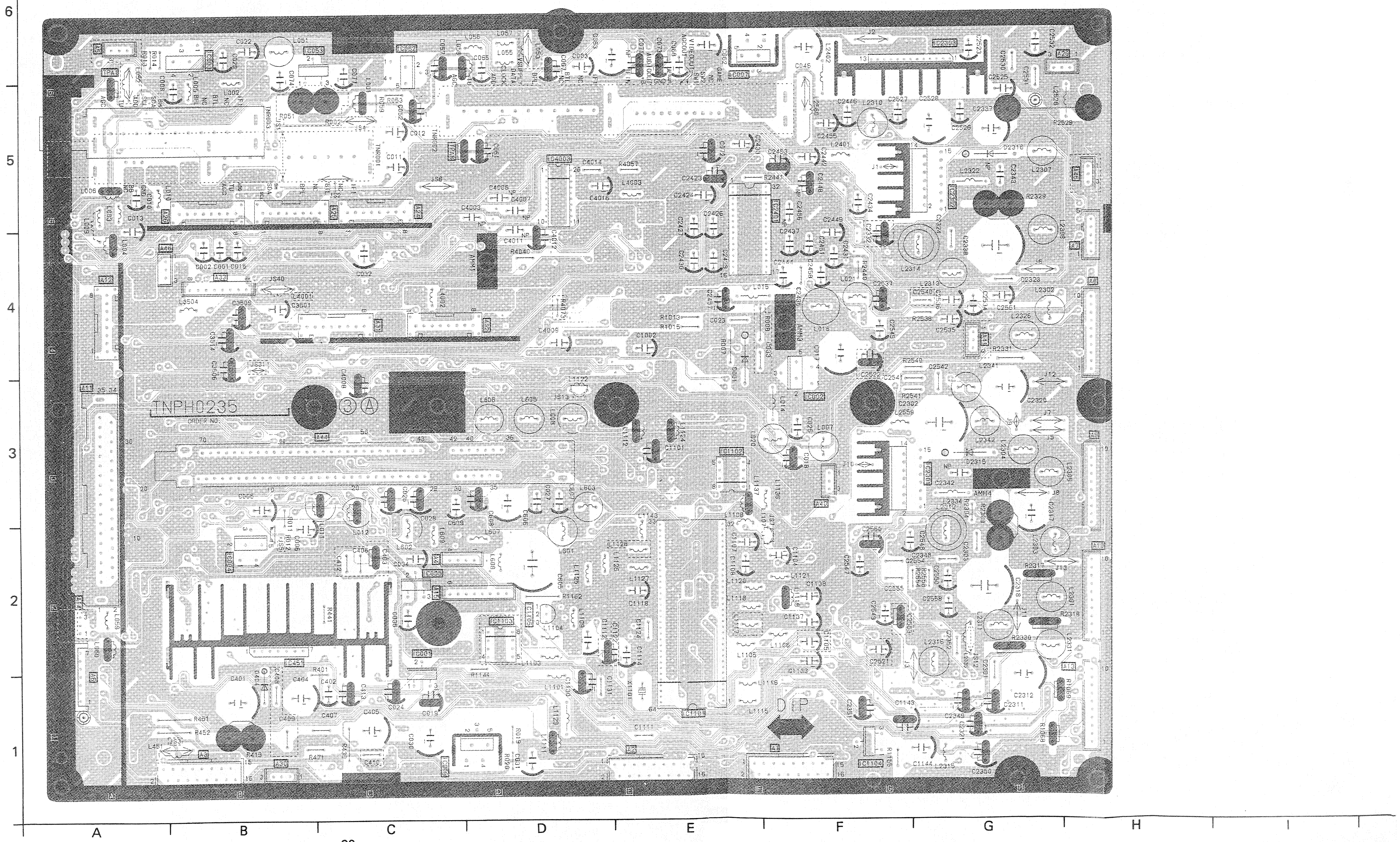
A-BOARD (FOIL SIDE)	
IC	
IC1	E-2
IC2	C-4
IC3	G-6
IC4	G-2
IC5	E-2
IC6	E-1
IC7	C-6
IC52	E-6
IC53	F-6
IC451	F-2
IC1001	C-4
IC1101	C-3
IC1102	C-3
IC1103	E-2
IC1104	B-1
IC1105	E-2
IC1106	E-1
IC2301	B-3
IC2302	B-5
IC2303	B-6
IC2304	B-4
IC2305	B-2
IC2401	C-5
IC3501	F-4
IC4001	E-4
IC4002	D-4
IC4003	D-5
IC4006	E-5
TRANSISTOR	
Q1	E-4
Q2	F-5
Q51	C-6
Q306	G-2
Q452	F-2
Q453	D-1
Q454	F-1
Q501	D-3
Q601	G-2
Q602	G-2
Q603	G-2
Q604	G-2
Q605	G-2
Q1101	D-3
Q1102	D-1
Q1103	D-1
Q1104	C-3
Q1105	D-4
Q1106	E-3
Q1114	F-3
Q2252	B-5
Q2301	B-2
Q2302	B-4
Q2303	A-1
Q2304	B-1
Q2305	B-1
Q2306	B-1
Q2307	A-4
Q2308	B-2
Q2309	B-2
Q2310	B-2
Q2402	B-4
Q2404	B-5
Q2405	C-5
Q2406	B-5
Q2407	C-5
Q4003	D-4
Q4004	D-4
Q4006	F-4
Q4007	E-4
Q4008	F-4
Q4009	D-4
TP	
TPA1	G-5
TPA2	E-2
TPA3	E-4
TPA4	B-3
TPA5	H-3
TPA6	G-3
TPA7	E-6
TPA8	E-5
TPA9	H-4
TPA10	G-4
TPA11	H-4
TPA12	G-4
TPA13	E-2
TPA14	E-2
TPA15	E-2
TPA16	F-5
TPA17	C-5
TPA18	G-3
TPA19	F-2
TPA20	G-1
TPA21	F-2
TPA22	G-6
TPA23	G-6
TPA24	D-2
TPA25	B-5
TPA26	E-1
TPA27	C-6
TPA28	C-5
TPA29	C-4
TPA30	C-4
TPA31	A-1
TPA32	A-3
TPA33	A-3
TPA34	A-2
TPA35	A-2
TPA36	G-2
TPA37	H-2
TPA38	H-2
TPA39	G-1
TPA40	F-1
TPA41	F-1
TPA42	G-2
TPA43	G-2
TPA44	H-1
TPA45	F-1
TPA46	F-1
TPA47	F-6
TPA48	F-4
TPA49	C-4
TPA50	A-6
TPA51	B-3
TPA52	E-2
TPA53	B-4
TPA54	A-4
TPA55	B-2

ADDRESS INFORMATION

H I

D, P2-BOARD / A-BOARD

A-BOARD (COMPONENT SIDE)
TNPH0235AB (for TX-29P100X/XM)
TNPH0235AH (for TX-33P100X/XM/XA)


6
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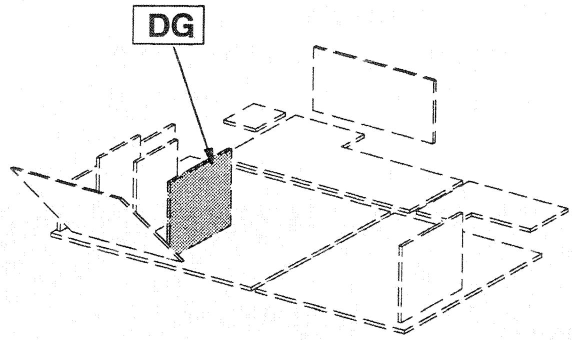
G
H
TNPH0235
ORDER NO.

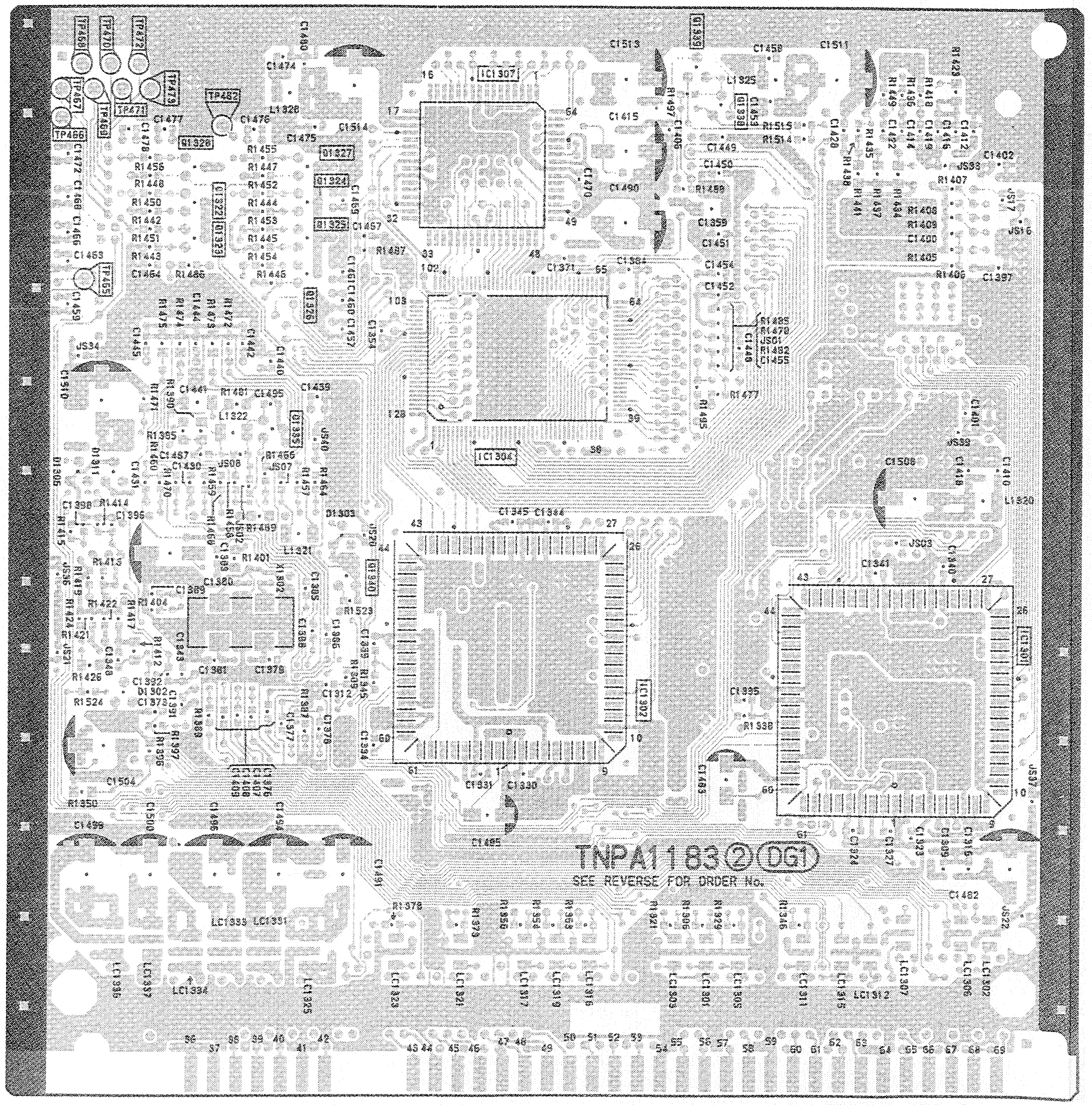
PARTS LOCATION

DG-BOARD													
IC		IC1309	H-2	Q1307	H-3	Q1317	H-3	Q1333	H-2	TP469	A-5	TP479	I-5
IC1300	F-2	**TRANSISTOR**		Q1308	I-3	Q1318	I-3	Q1334	I-3	TP470	A-5	TP480	I-5
IC1301	E-2	Q1300	F-2	Q1309	I-3	Q1319	I-3	Q1336	E-3	TP471	A-5	TP481	I-5
IC1302	C-2	Q1301	F-2	Q1310	G-2	Q1321	F-2	Q1337	E-3	TP472	A-5	TP482	A-5
IC1303	G-3	Q1302	H-2	Q1311	H-3	Q1327	B-4	**TP**		TP473	A-5		
IC1304	C-3	Q1303	Q-2	Q1312	G-3	Q1328	A-4	TP465	A-4	TP474	I-5		
IC1305	G-4	Q1304	F-2	Q1313	G-2	Q1329	H-2	TP466	A-4	TP475	I-5		
IC1306	E-4	Q1305	H-2	Q1314	F-2	Q1330	H-2	TP467	A-5	TP476	I-5		
IC1307	C-5	Q1306	H-3	Q1315	G-2	Q1331	I-2	TP468	A-5	TP477	I-5		
IC1308	H-4			Q1316	G-2	Q1332	F-2			TP478	I-5		

ADDRESS INFORMATION



DG–BOARD (FOIL SIDE)
TXNDG10EVC


TNPA1183②DG1
SEE REVERSE FOR ORDER No.
IC1307
IC1304
IC1302
IC1301
6
5
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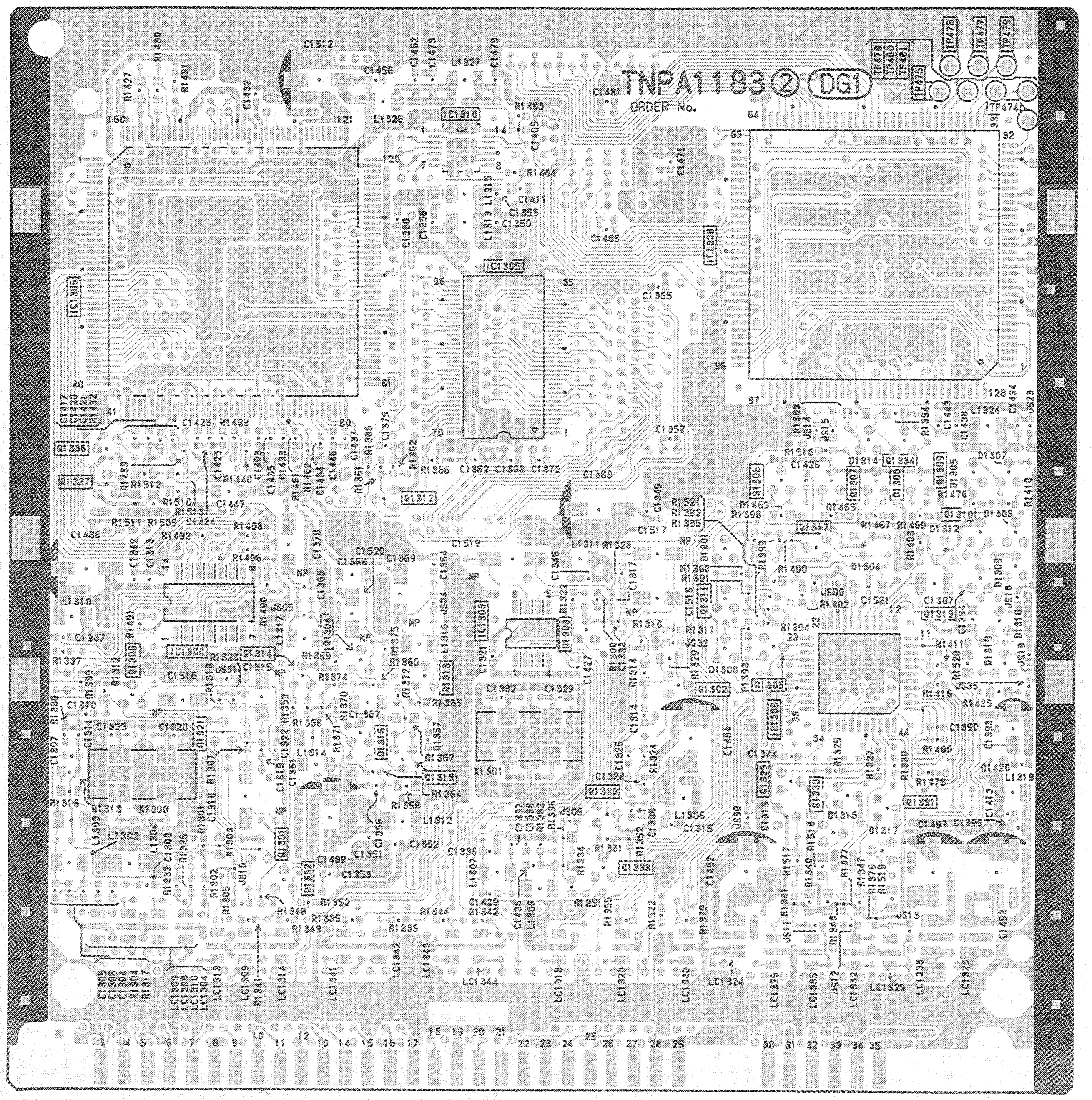
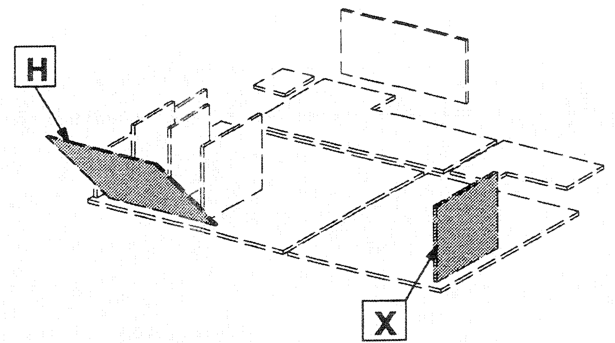
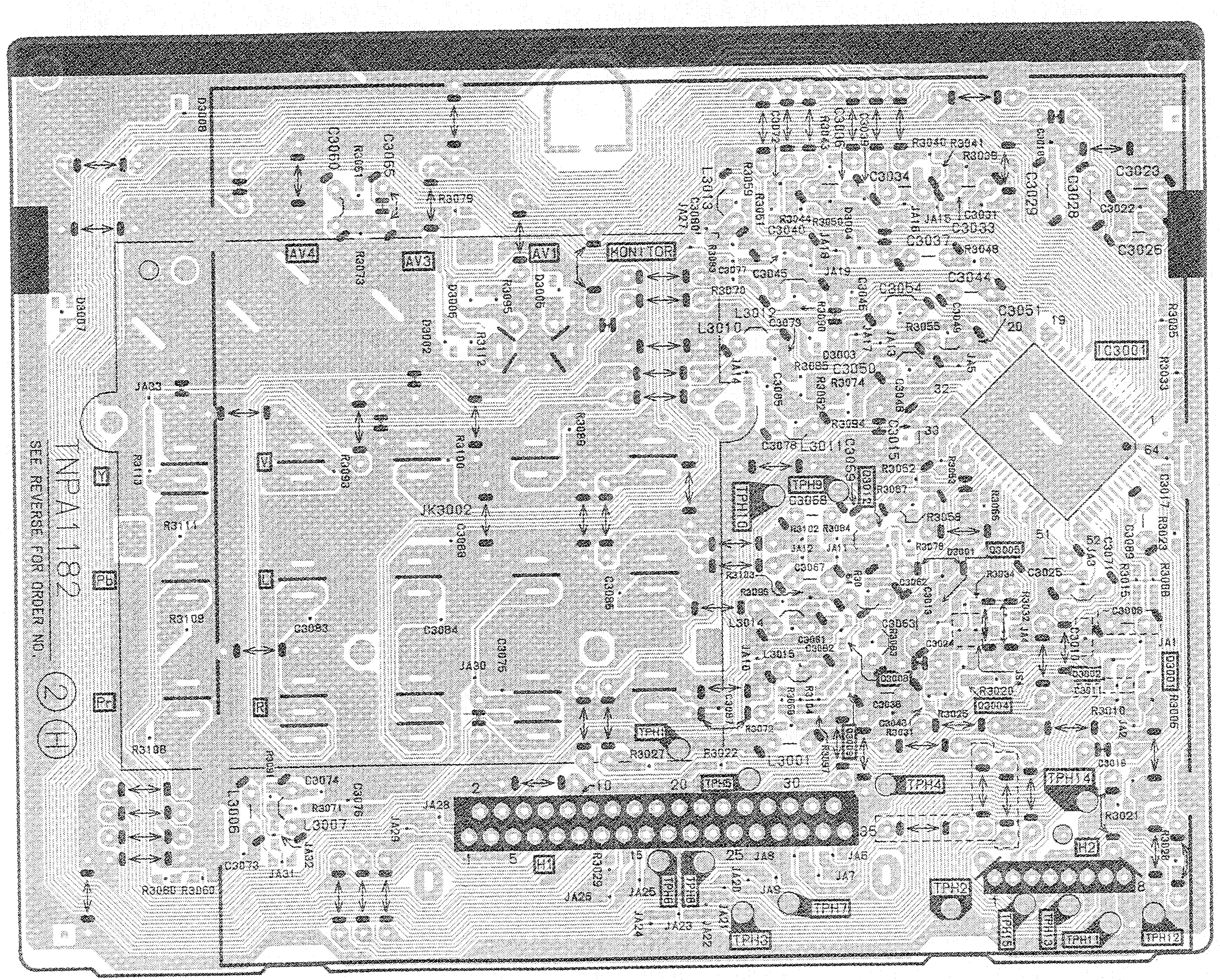
3
2
1
A
B
C
D

DG–BOARD (COMPONENT SIDE)
TXNDG10EVC

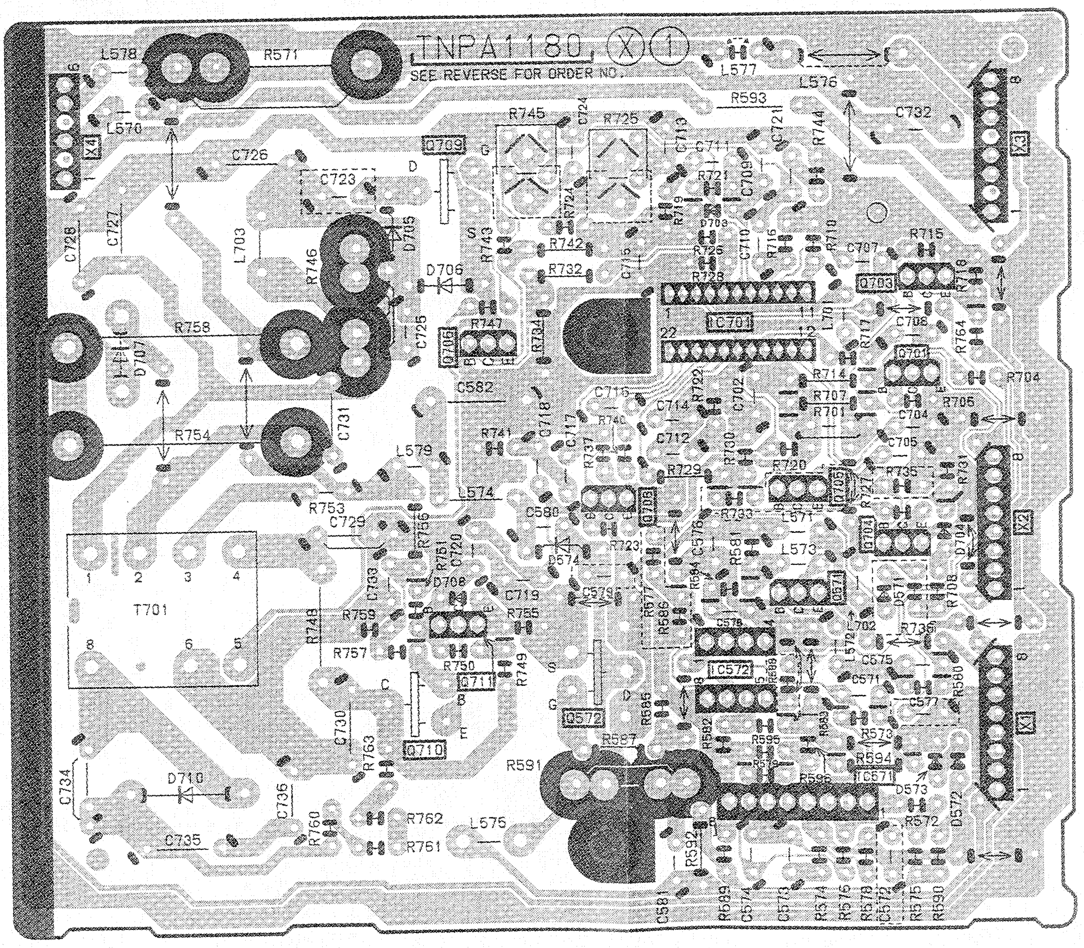

TNPA1183②DG1
ORDER No.
IC1305
E
F
G
H
I



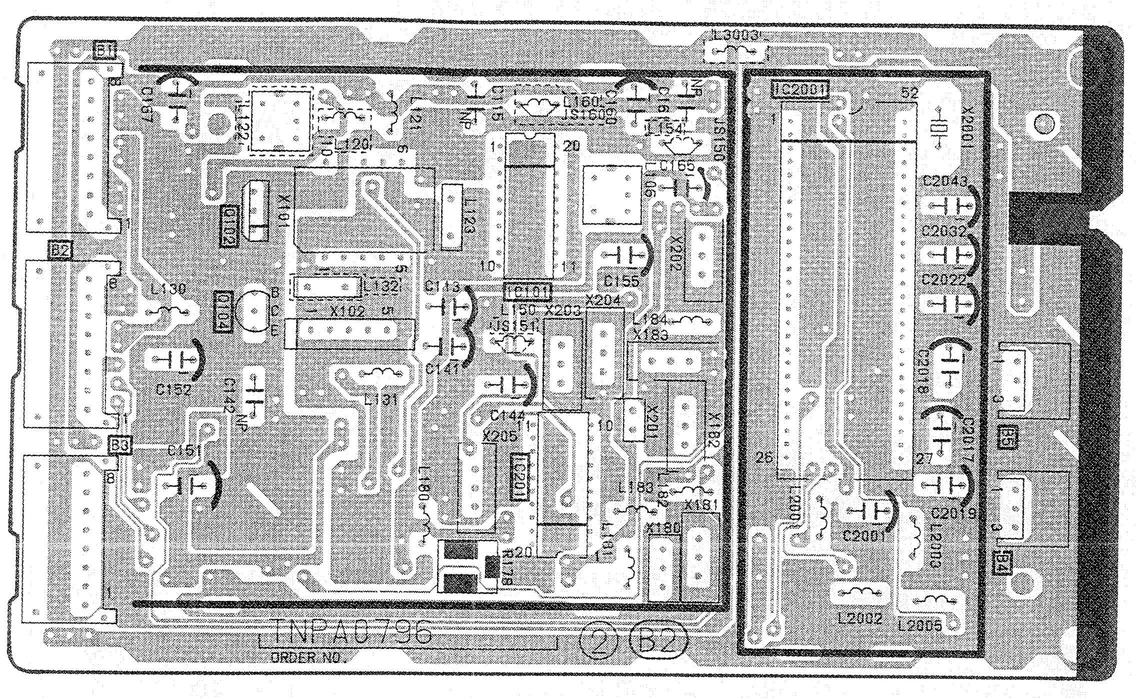
H-BOARD
TNPA1182


TNPA1182
SEE REVERSE FOR ORDER NO.
② H
AV4
AV3
AV1
MONITOR
JK3002
IC3001
H1
H2
TPH2
TPH4
TPH5
TPH6
TPH7
TPH9
TPH11
TPH12
TPH13
TPH14
TPH15
6
5
4
3
2
1
A
B
C
D
E
F
G
H
I

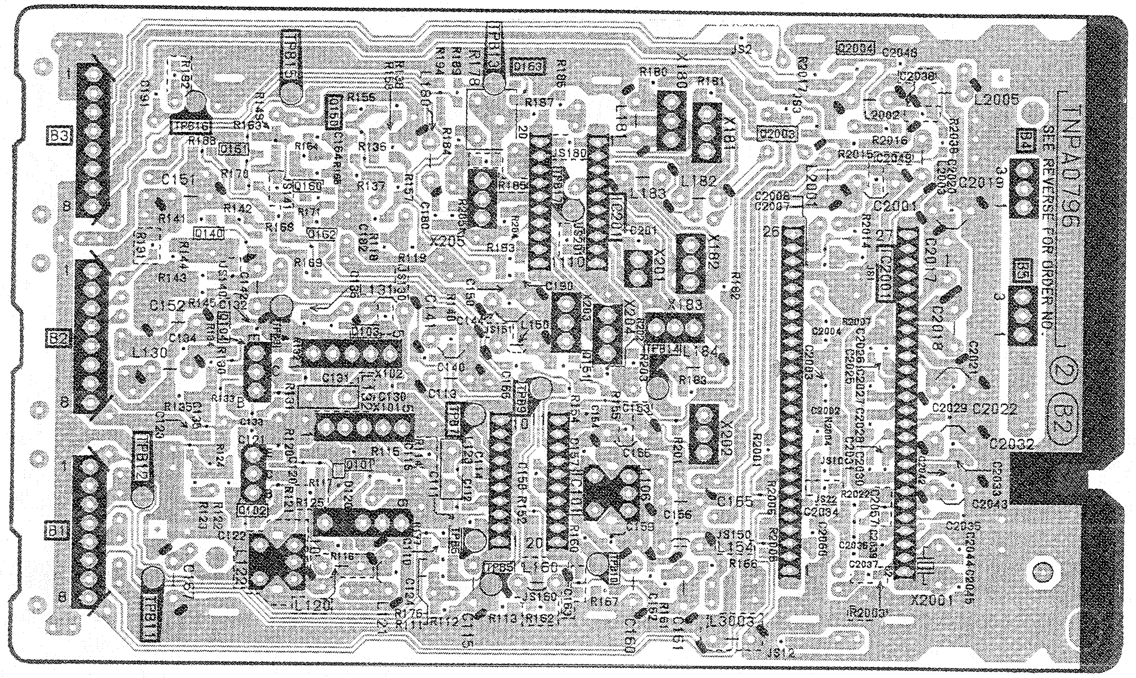
X-BOARD
TNPA1180 (for TX-29P100X/XM)
TNPA1180AB (for TX-33P100X/XM/XA)


TNPA1180 Ⓧ①
SEE REVERSE FOR ORDER NO.
X1
X2
X3
X4
T701
IC701
IC572
Q701
Q703
Q706
Q709
Q710
Q711
Q572
D710
L578
R571
L577
L576
C732
L570
C726
C723
L703
R746
R758
R754
C731
L579
L574
L575
L573
R591

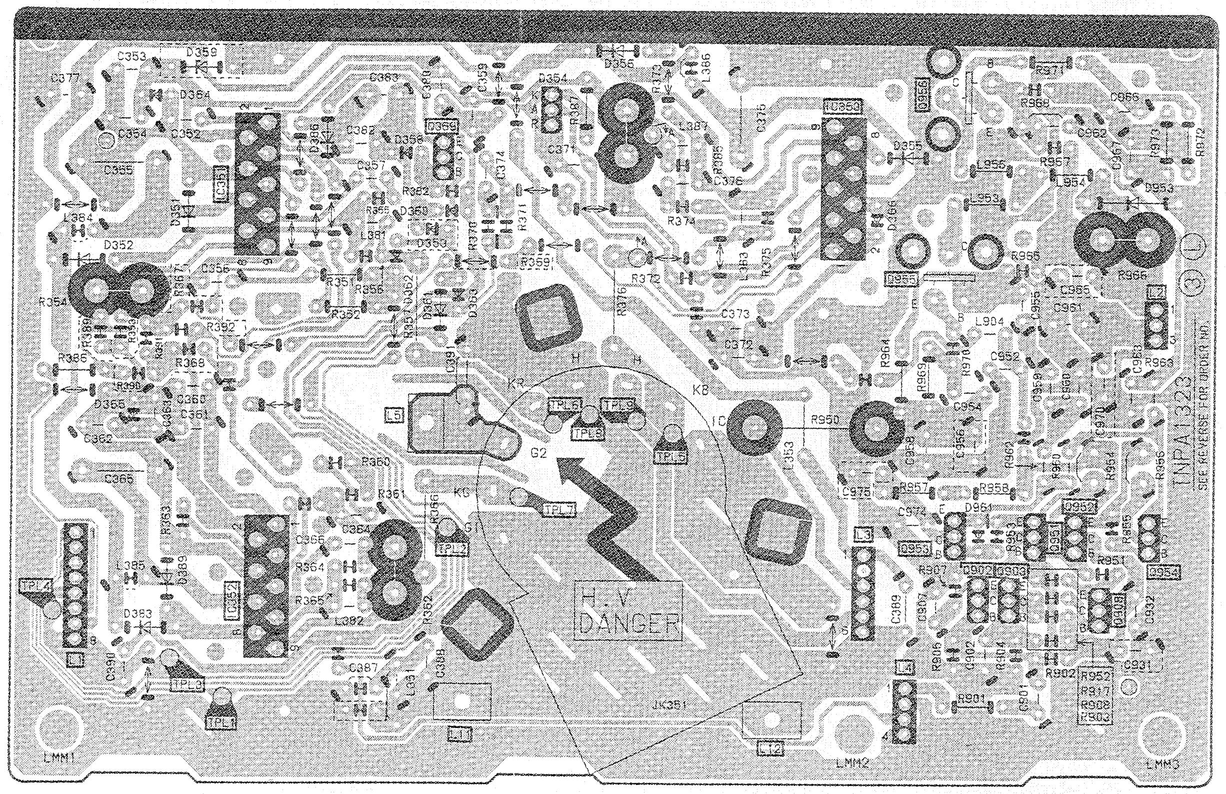
B2-BOARD (COMPONENT SIDE)
TNPA0796AD

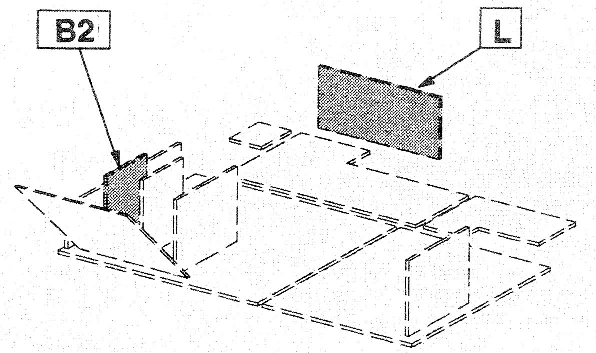

TNPA0796
ORDER NO.
② B2
IC2001
IC2201
L3003
B1
B2
B3
B4
B5

B2-BOARD (FOIL) SIDE)
TNPA0796AD


TNPA0796
SEE REVERSE FOR ORDER NO.
② B2
B1
B2
B3
B4
B5

L-BOARD
TNPA1323AC (for TX-29P100X/XM)
TNPA1323AB (for TX-33P100X/XM/XA)


H.V.
DANGER
TNPA1323
SEE REVERSE FOR ORDER NO.
③ L
LMM1
LMM2
LMM3



6
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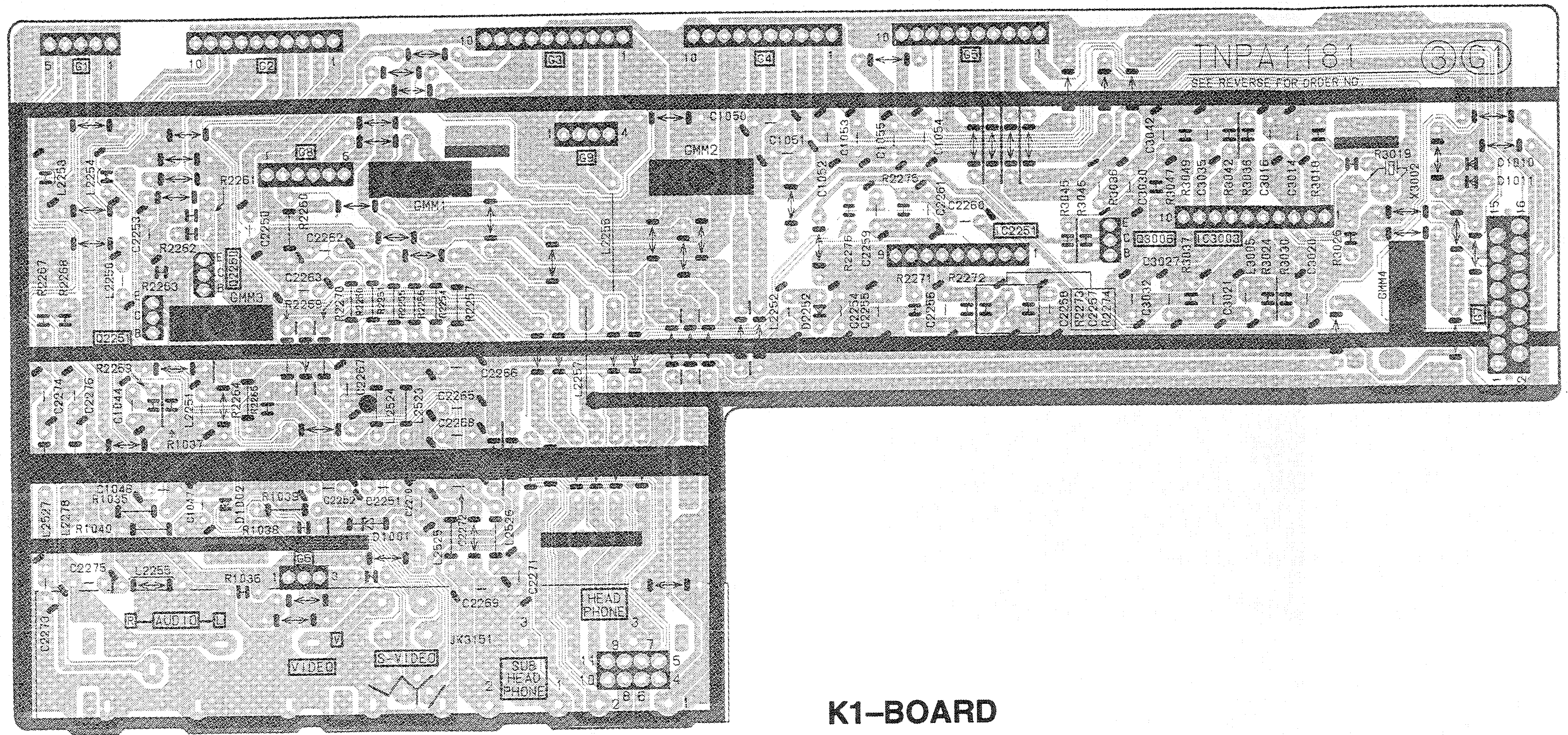
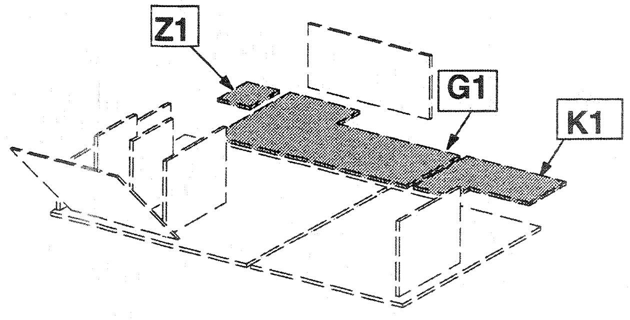
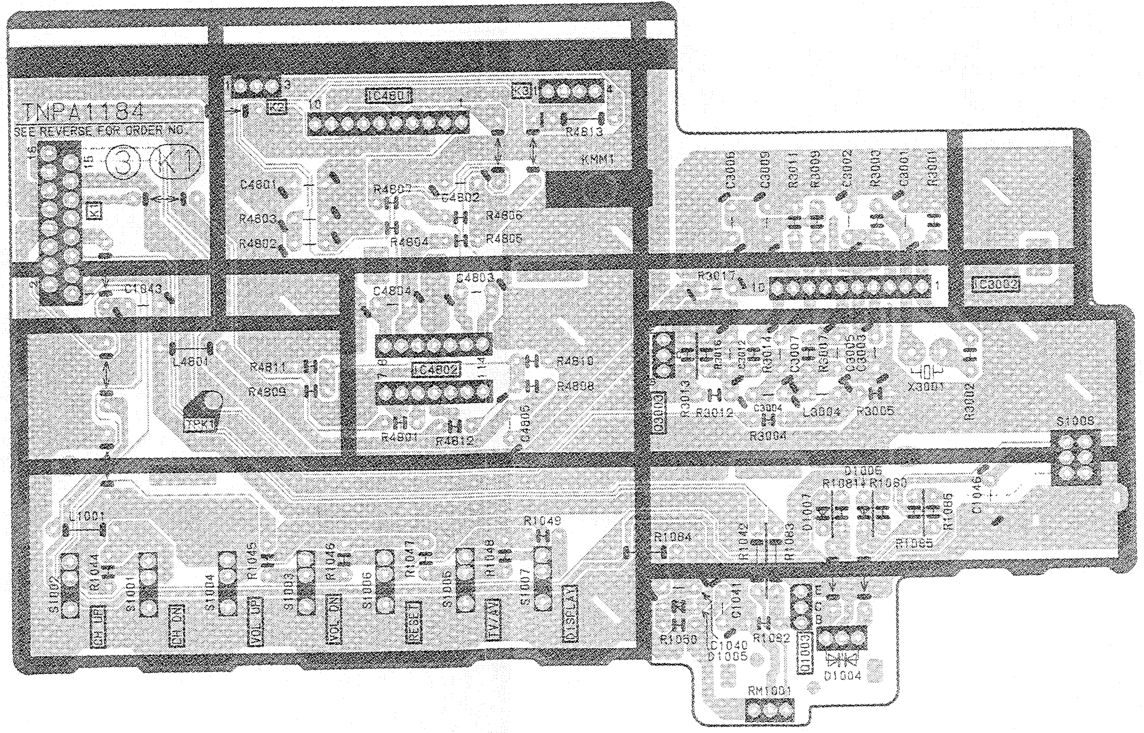
A B C D E F G H I

G1-BOARD
TNPA1181AB (for TX-29P100X/XM)

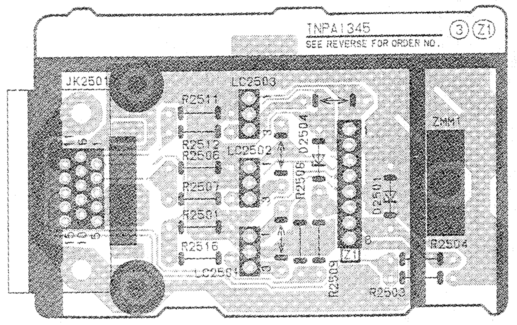

TNPA1181
SEE REVERSE FOR ORDER NO.
③G1
AUDIO
VIDEO
S-VIDEO
HEAD PHONE
SUB HEAD PHONE
JK3151



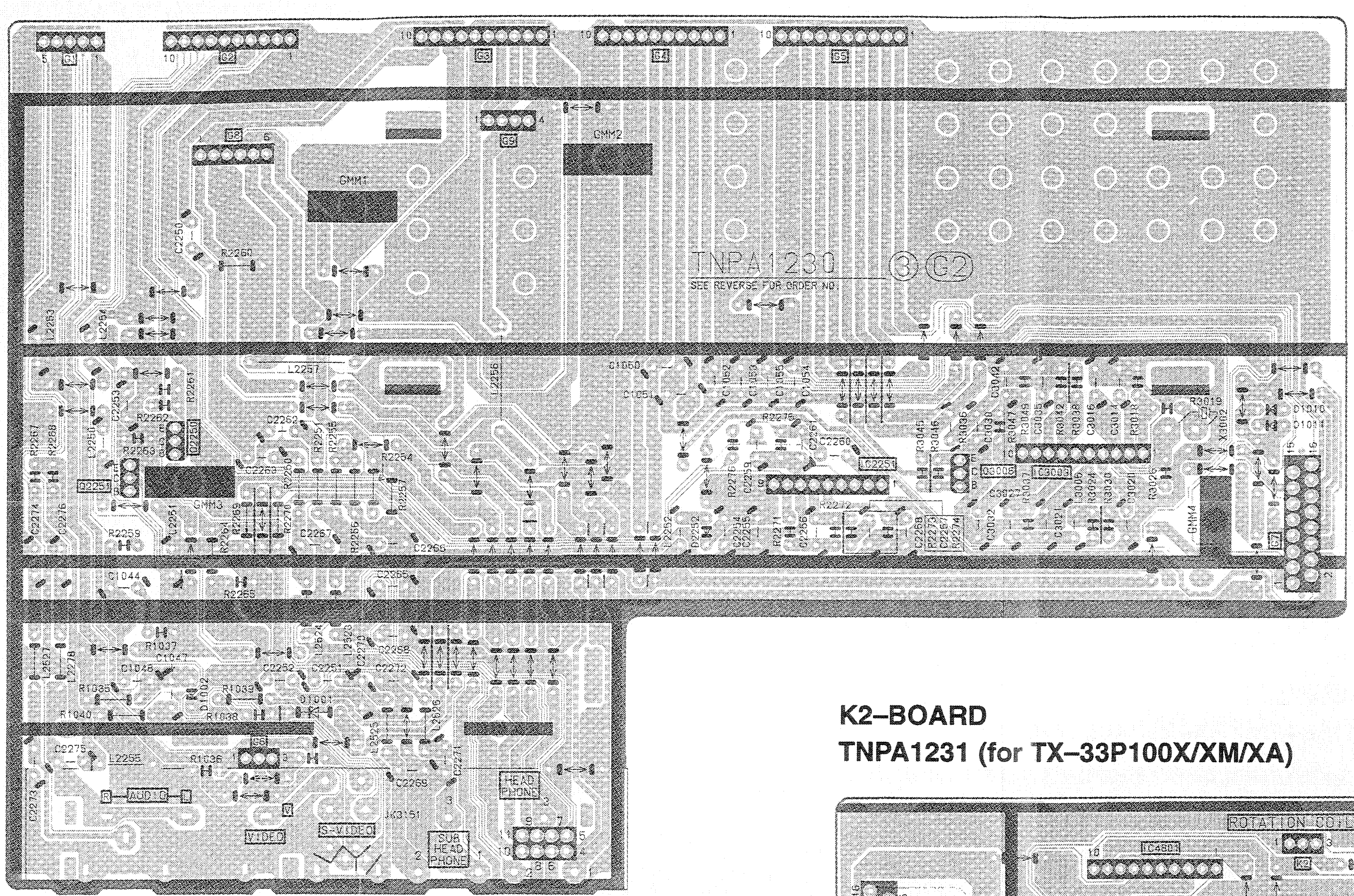
K1-BOARD
TNPA1184 (for TX-29P100X/XM)

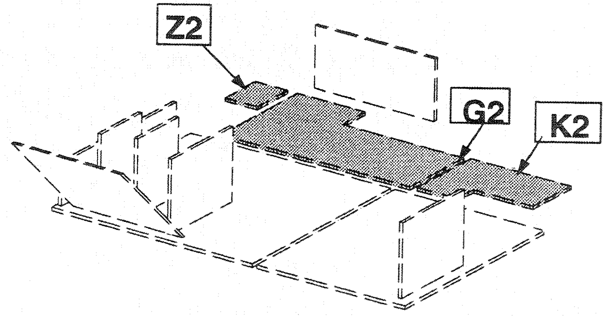

TNPA1184
SEE REVERSE FOR ORDER NO.
③K1
IC4801
IC4802
KMM1

Z1-BOARD
TNPA1345 (for TX-29P100X/XM)

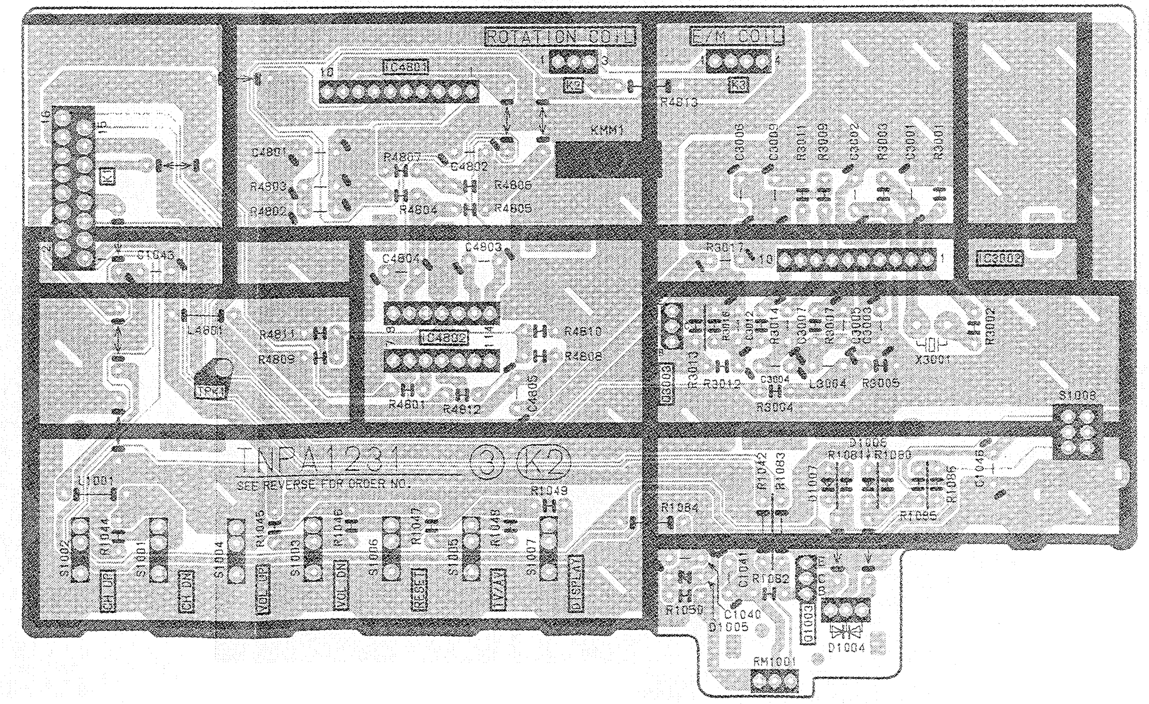

TNPA1345
SEE REVERSE FOR ORDER NO.
③Z1
JK2501
ZMM1

G2-BOARD
TNPA1230 (for TX-33P100X/XM/XA)

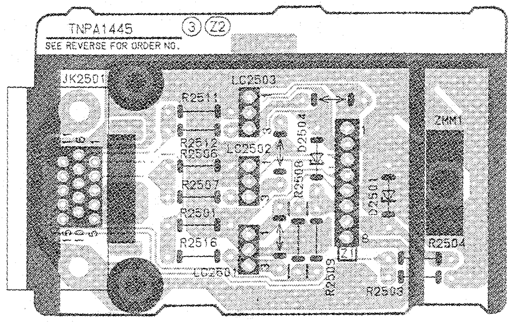

TNPA1230 ③ G2
SEE REVERSE FOR ORDER NO.
GMM1
GMM2
GMM3
GMM4
AUDIO
VIDEO
S-VIDEO
HEAD PHONE
SUB HEAD PHONE
JK3151

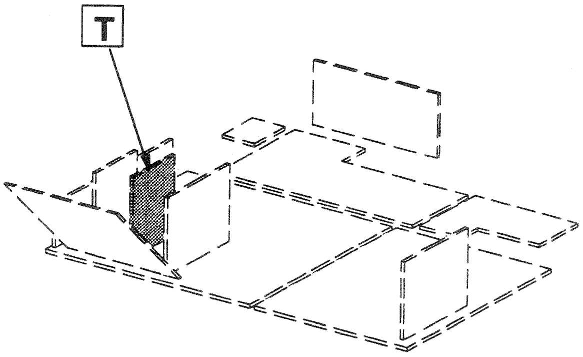


K2-BOARD
TNPA1231 (for TX-33P100X/XM/XA)

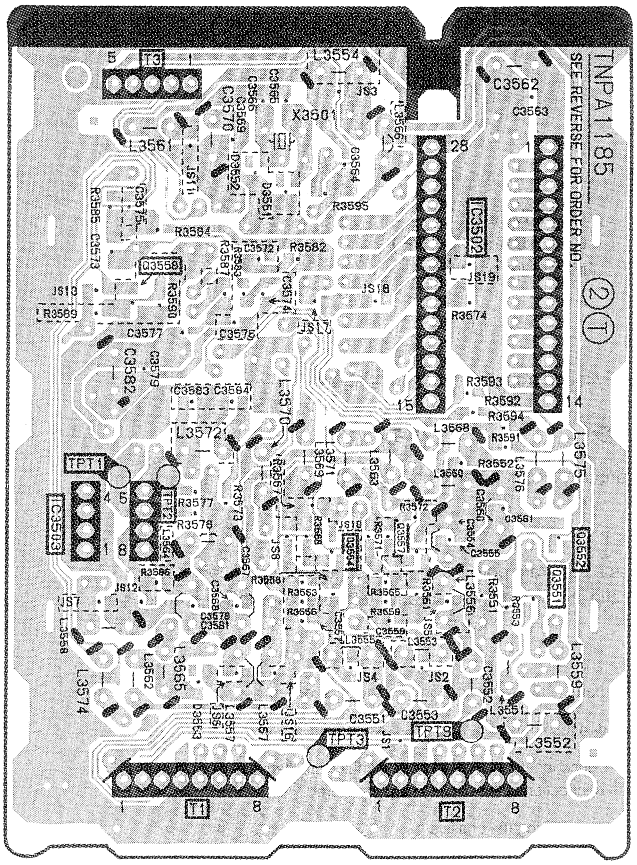

ROTATION COIL
E/W COIL
IC4801
IC4802
IC3002
KMM1
TNPA1231 ③ K2
SEE REVERSE FOR ORDER NO.

Z2-BOARD
TNPA1445 (for TX-33P100X/XM/XA)

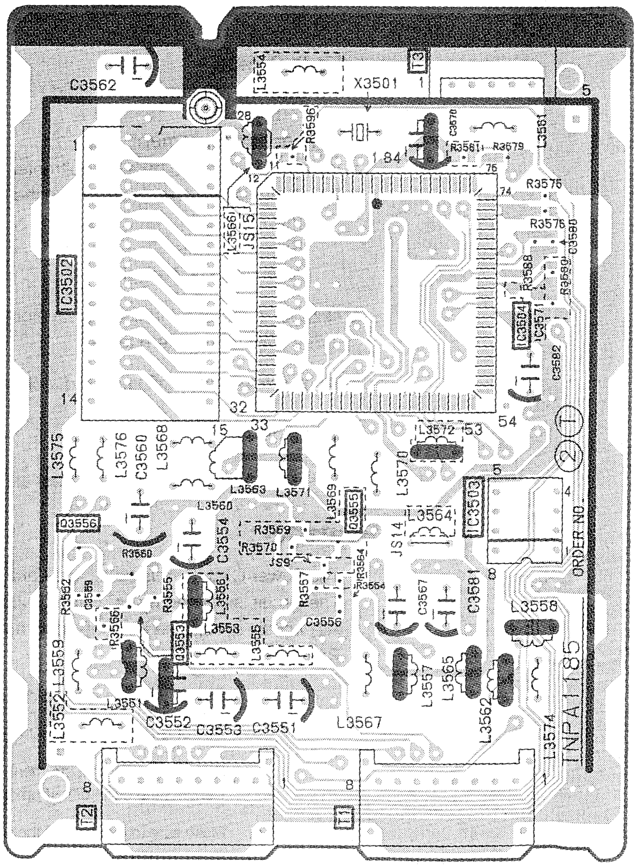

TNPA1445 ③ Z2
SEE REVERSE FOR ORDER NO.
JK2501
ZMM1



T-BOARD
TNPA1185 (FOIL SIDE)


T3
5
L3554
JS3
C3562
C3563
X3501
L3561
JS11
D3552
D3551
C3564
R3595
28
1
IC3502
TNPA1185
SEE REVERSE FOR ORDER NO.
② Ⓣ
R3585
C3573
R3584
Q3558
C3572
R3582
R3587
C3574
JS19
JS18
JS13
R3589
R3590
C3577
C3576
JS17
R3574
C3579
C3582
C3583
C3584
L3570
R3593
R3592
R3594
15
14
L3572
L3568
R3591
L3575
TPT1
TPT2
IC3503
R3577
R3578
R3552
L3569
L3571
L3563
L3560
L3576
R3573
R3572
C3560
C3561
R3566
R3569
JS10
Q3554
Q3557
Q3552
Q3555
JS8
JS12
JS7
R3586
R3581
R3563
R3565
R3559
R3557
R3551
R3553
Q3551
L3556
C3578
C3581
L3558
L3562
L3565
L3555
L3553
L3574
JS4
JS2
JS6
JS5
JS16
JS1
C3551
C3553
C3552
L3551
L3559
L3557
L3567
TPT3
TPT9
L3552
T1
T2
1
8

T-BOARD
TNPA1185 (COMPONENT)


C3562
L3554
X3501
T3
28
R3596
C3578
R3581
R3579
L3561
1
84
76
R3575
74
R3576
C3580
12
11
L3566
JS15
IC3502
R3588
R3589
C3571
Q3564
C3582
14
32
33
53
54
② Ⓣ
L3575
L3576
C3560
L3568
15
L3572
L3570
L3563
L3571
L3569
Q3555
L3564
IC3503
5
4
ORDER NO.
Q3556
L3560
R3560
C3554
R3559
R3570
JS9
JS14
R3564
R3554
R3562
C3559
R3556
R3555
L3556
R3557
C3556
C3567
C3561
L3558
Q3553
L3553
L3555
L3559
L3557
L3565
L3562
L3574
TNPA1185
L3551
L3552
C3552
C3553
C3551
L3567
8
1
T2
T1

6

5

4

3

2

1

A B C D E

Schematic Diagram

Important Safety Notice

Components identified by ⚠ mark have special characteristics important for safety. When replacing any of these components, use only manufacture's specified parts.

Notes :

1. **Resistor**
   All resistors are carbon 1/4W resistor, unless marked as follows :
   Unit of resistance is OHM [Ω } (K=1,000 , M=1,000,000).
   ○ : Nonflammable
   △ : Solid
   ⧄ : Wire Wound
   ⊠ : Metal Oxide
   ◎ : Metal Film
   ⊗ : Fuse

2. **Capacitor**
   All capacitors are ceramic 50V capacitor, unless marked as follows :
   Unit of capacitance is μF, unless otherwise noted.
   ⊗ : Temperature Compensation
   Ⓜ : Polyester
   ⓜ : Metalized Polyester
   ⊠ : Polypropylene
   +╫− : Electrolytic
   NP╫ : Bipolar
   Ⓣ : Dipped Tantalum
   ⓩ : Z-Type

3. **Coil**
   Unit of inductance is μH, unless otherwise noted.

4. **Test Point**
   ⚲ : Test Point position

5. **Earth Symbol**
   ⏚ : Chassis Earth (Cold)
   ⊥ : Line Earth (Hot)

6. **Voltage Measurement**
   Voltage is measured by a DC voltmeter.
   Conditions of the measurement are the following :

Power Source	AC 220V, 50Hz
Receiving Signal	Colour Bar signal (RF)
All customer's controls	Maximum positions

7. Number in red circle indicates waveform number.
   (See waveform pattern table.)

8. When arrow mark (↗) is found, connection is easily found from the direction of arrow.

9. Indicates the major signal flow. : Video ➡ Audio ⇨

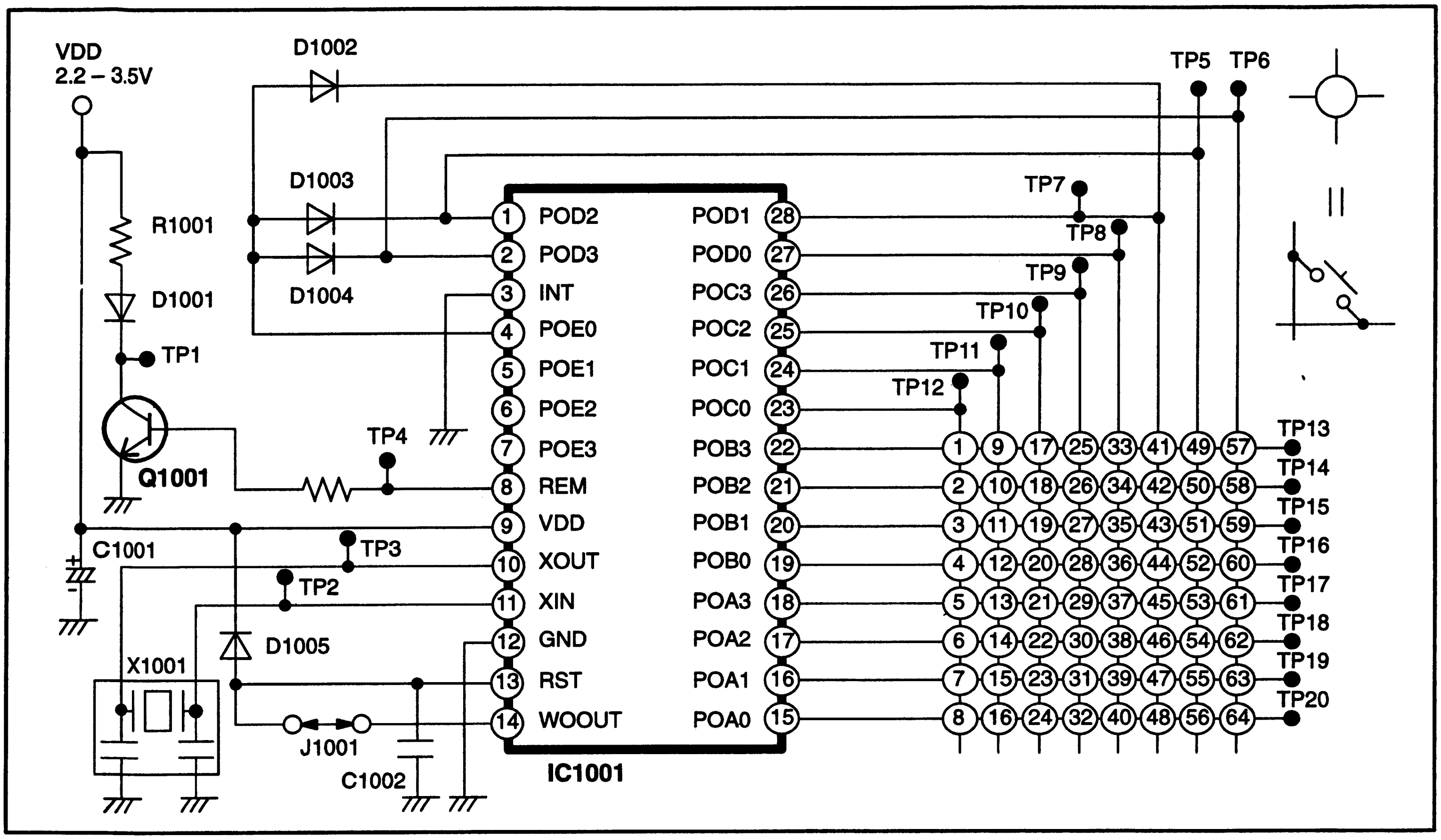
10. This schematic diagram is the latest at the time of printing and subject to change without notice.

Remarks :

1. The Power Circuit contains a circuit area which uses a separate power supply to isolate the earth connection.
   The circuit is defined by HOT and COLD indications in the schematic diagram. Take the following precautions.
   All circuits, except the Power Circuit, are cold.
   Precautions
   a. Do not touch the hot part or the hot and cold parts at the same time or you may be shocked.
   b. Do not short-circuit the hot and cold circuits or a fuse may blow and parts may break.
   c. Do not connect an instrument, such as an oscilloscope, to the hot and cold circuits simultaneously or a fuse may blow.
   Connect the earth of instruments to the earth connection of the circuit being measured.
   d. Make sure to disconnect the power plug before removing the chassis.

2. Following diodes are interchangeable.
   MA150 - MA162 (Replacement part)

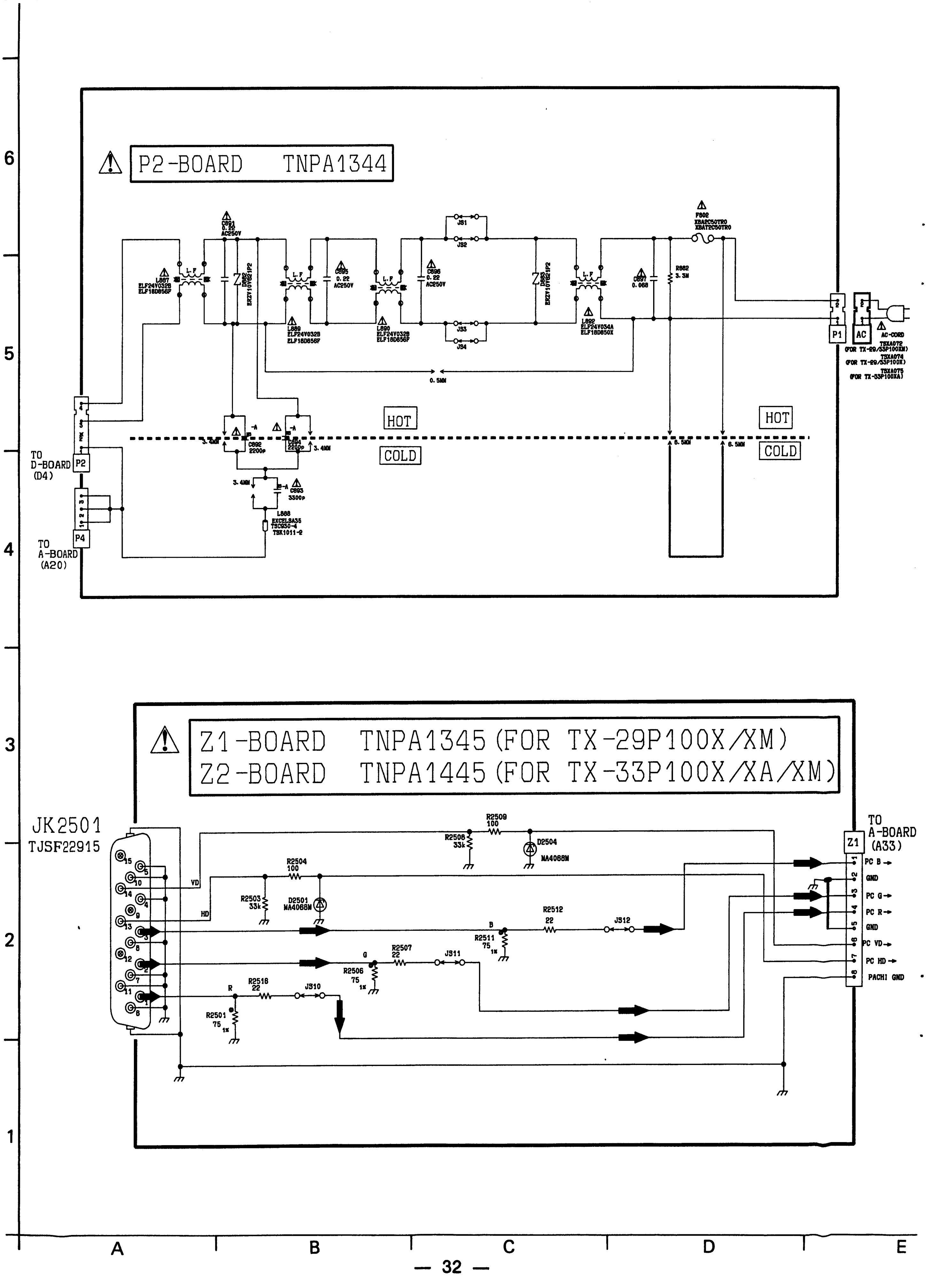
Remote Control Transmitter TNQE158

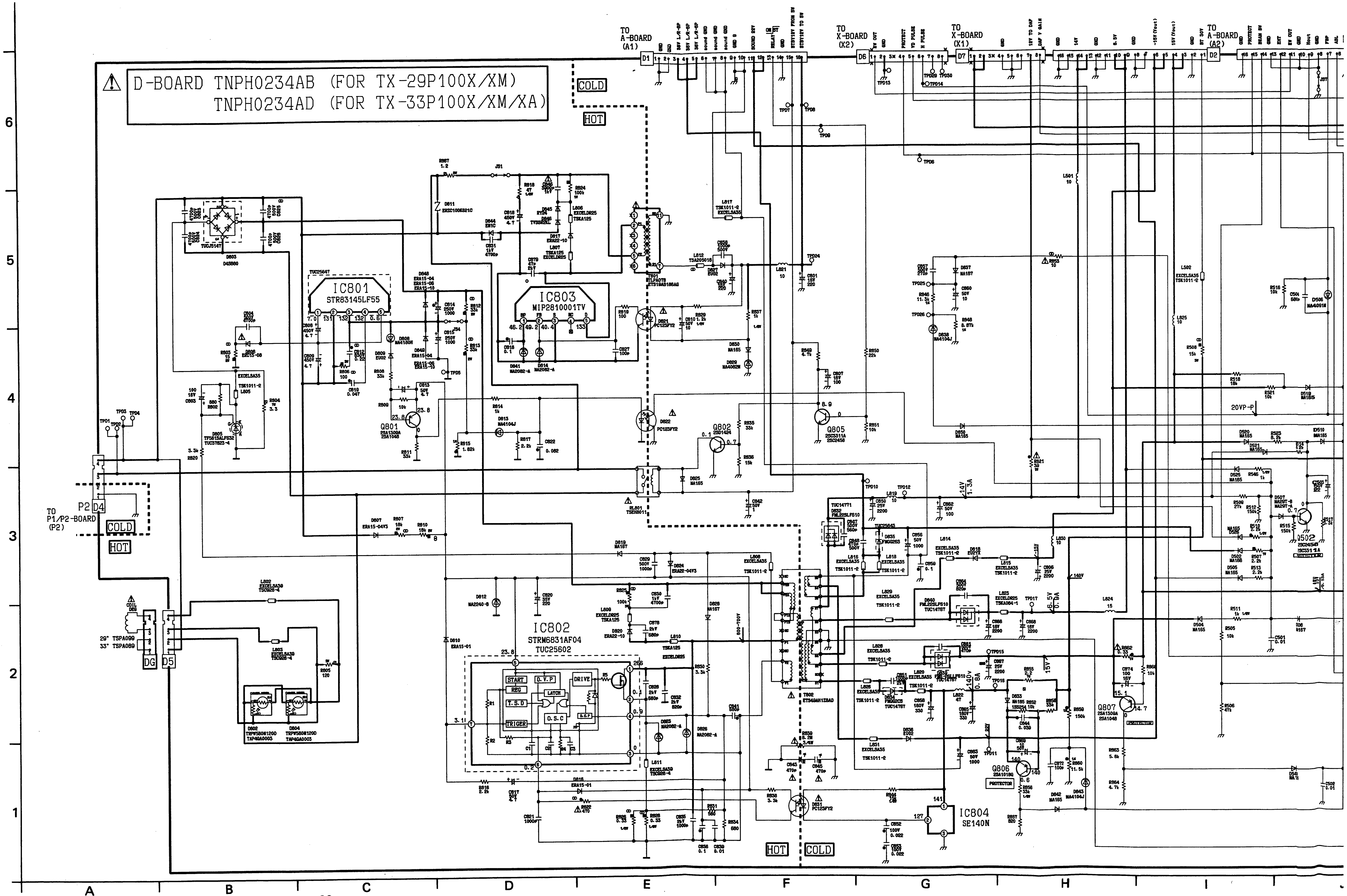

VDD
2.2 – 3.5V
D1002
D1003
D1004
R1001
D1001
TP1
Q1001
C1001
TP2
TP3
TP4
D1005
X1001
J1001
C1002
IC1001
1 POD2
2 POD3
3 INT
4 POE0
5 POE1
6 POE2
7 POE3
8 REM
9 VDD
10 XOUT
11 XIN
12 GND
13 RST
14 WOOUT
28 POD1
27 POD0
26 POC3
25 POC2
24 POC1
23 POC0
22 POB3
21 POB2
20 POB1
19 POB0
18 POA3
17 POA2
16 POA1
15 POA0
TP5
TP6
TP7
TP8
TP9
TP10
TP11
TP12
TP13
TP14
TP15
TP16
TP17
TP18
TP19
TP20
1 9 17 25 33 41 49 57
2 10 18 26 34 42 50 58
3 11 19 27 35 43 51 59
4 12 20 28 36 44 52 60
5 13 21 29 37 45 53 61
6 14 22 30 38 46 54 62
7 15 23 31 39 47 55 63
8 16 24 32 40 48 56 64
||

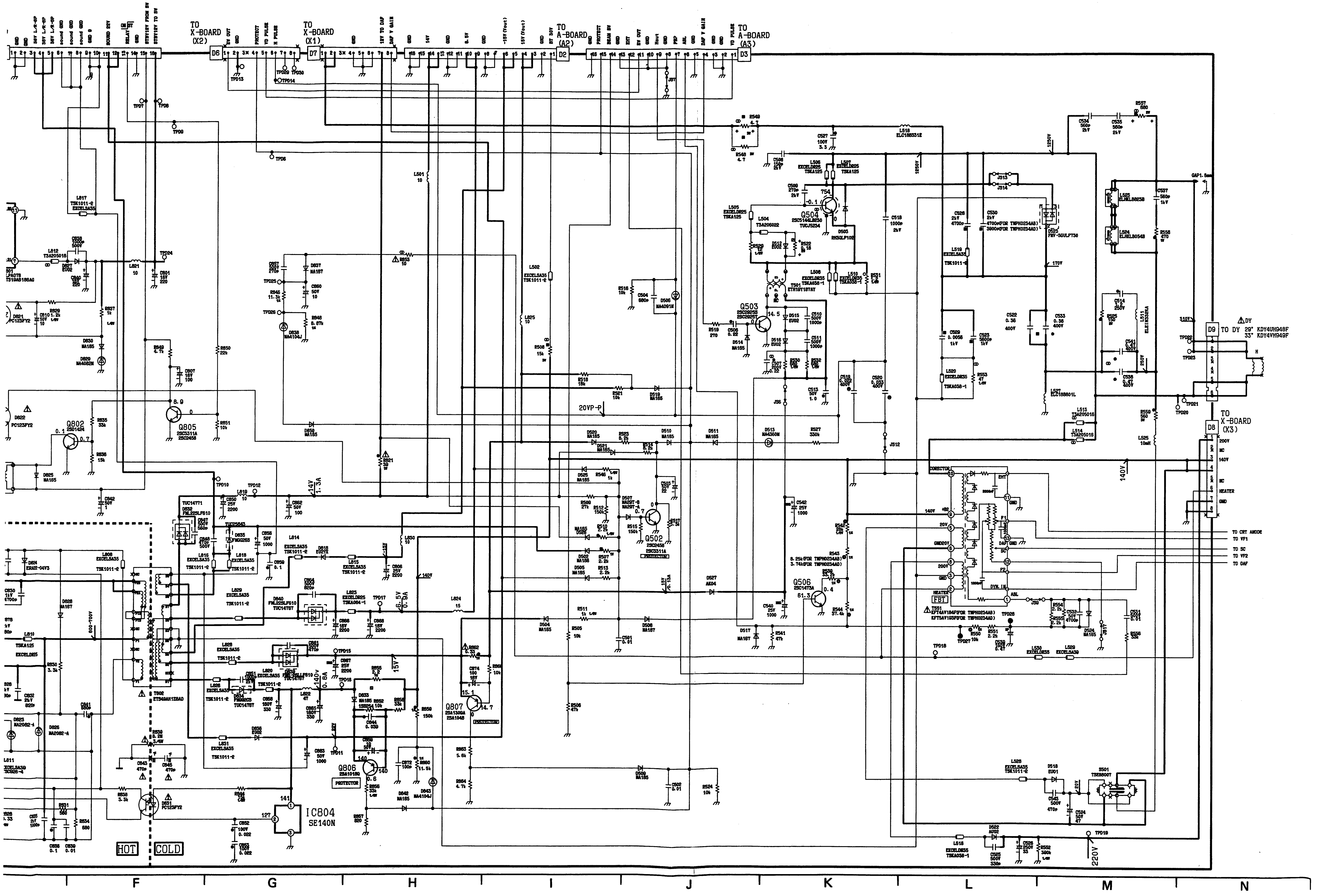
Key Function Table

Key No.	Function	Key No.	Function	Key No.	Function
1	MUTE	23	MAIN MENU	45	INDEX
2	SURROUND	24	4	46	HOLD
3	TV/AV	25	9	47	STEREO
4	VCR/LD:REW	26	8	48	D.PNR
5	VCR/LD:STOP	27	VOL. UP	49	CHANGE
6	VCR/LD:FF	28	N (NORNAL)	50	STROBE
7	VCR/LD:PLAY	29	▶	51	PIP ACTION
8	VCR/LD-POWER ON/OFF	30	VCR-CH UP/LD-SKIP +	52	TIME TEXT
9	3	31	◀	53	REVEAL
10	2	32	7	54	F/T/B
11	POS. UP	33	2 DIGIT	55	F.P.
12	LD FUNCTION	34	0	56	P.AI
13	VCR:ADVANCE/LD:DISC A	35	VOL. DOWN	57	--------
14	VCR:REC/LD:DISC B	36	▼	58	--------
15	VCR FUNCTION	37	PC	59	--------
16	1	38	VCR:CH DOWN/LD:SKIP -	60	GREEN
17	6	39	OFF TIMER	61	YELLOW
18	5	40	RECALL	62	BLUE
19	POS. DOWN	41	STILL	63	RED
20	▲	42	CH SEARCH	64	POWER ON/OFF
21	VCR/LD:PAUSE	43	PIP		
22	VCR:REC	44	TV/TEXT		

TX-29P100X/XM:TX-33P100X/XM/XA

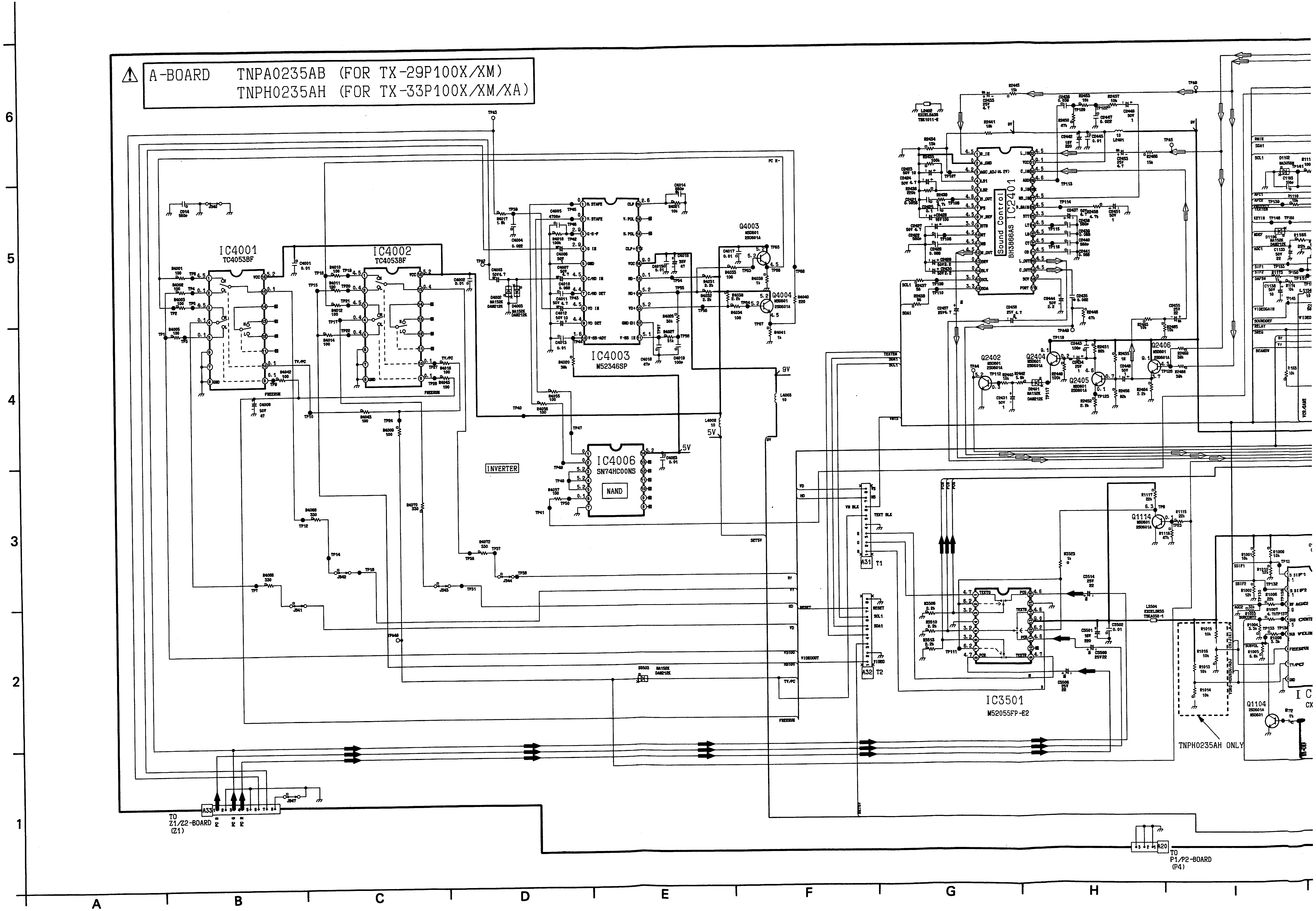

6
5
4
3
2
1
A
B
C
D
E
P2-BOARD TNPA1344
C891
0.22
AC250V
L887
ELF24V032B
ELF18D856F
L.F
D882
ERZV10V621P2
L889
ELF24V032B
ELF18D856F
C895
0.22
AC250V
L890
ELF24V032B
ELF18D856F
C896
0.22
AC250V
JS1
JS2
JS3
JS4
D883
ERZV10V621P2
L892
ELF24V034A
ELF18D850X
C897
0.068
R882
3.3M
F802
XBA2C50TR0
XBAT2C50TR0
P1
AC
AC-CORD
TSXA072
(FOR TX-29/33P100XM)
TSXA074
(FOR TX-29/33P100X)
TSXA075
(FOR TX-33P100XA)
0.5MM
HOT
COLD
6.5MM
6.5MM
3.4MM
C892
2200p
C894
2200p
3.4MM
-A
3.4MM
C893
3300p
L888
EXCELSA35
TSC930-4
TSK1011-2
TO
D-BOARD
(D4)
P2
TO
A-BOARD
(A20)
P4
Z1-BOARD TNPA1345 (FOR TX-29P100X/XM)
Z2-BOARD TNPA1445 (FOR TX-33P100X/XA/XM)
JK2501
TJSF22915
VD
HD
R2509
100
R2508
33k
D2504
MA4068M
R2504
100
R2503
33k
D2501
MA4068M
B
R2511
75
1%
R2512
22
JS12
G
R2507
22
JS11
R2506
75
1%
R
R2516
22
JS10
R2501
75
1%
TO
A-BOARD
(A33)
Z1
PC B →
GND
PC G →
PC R →
GND
PC VD →
PC HD →
PACHI GND

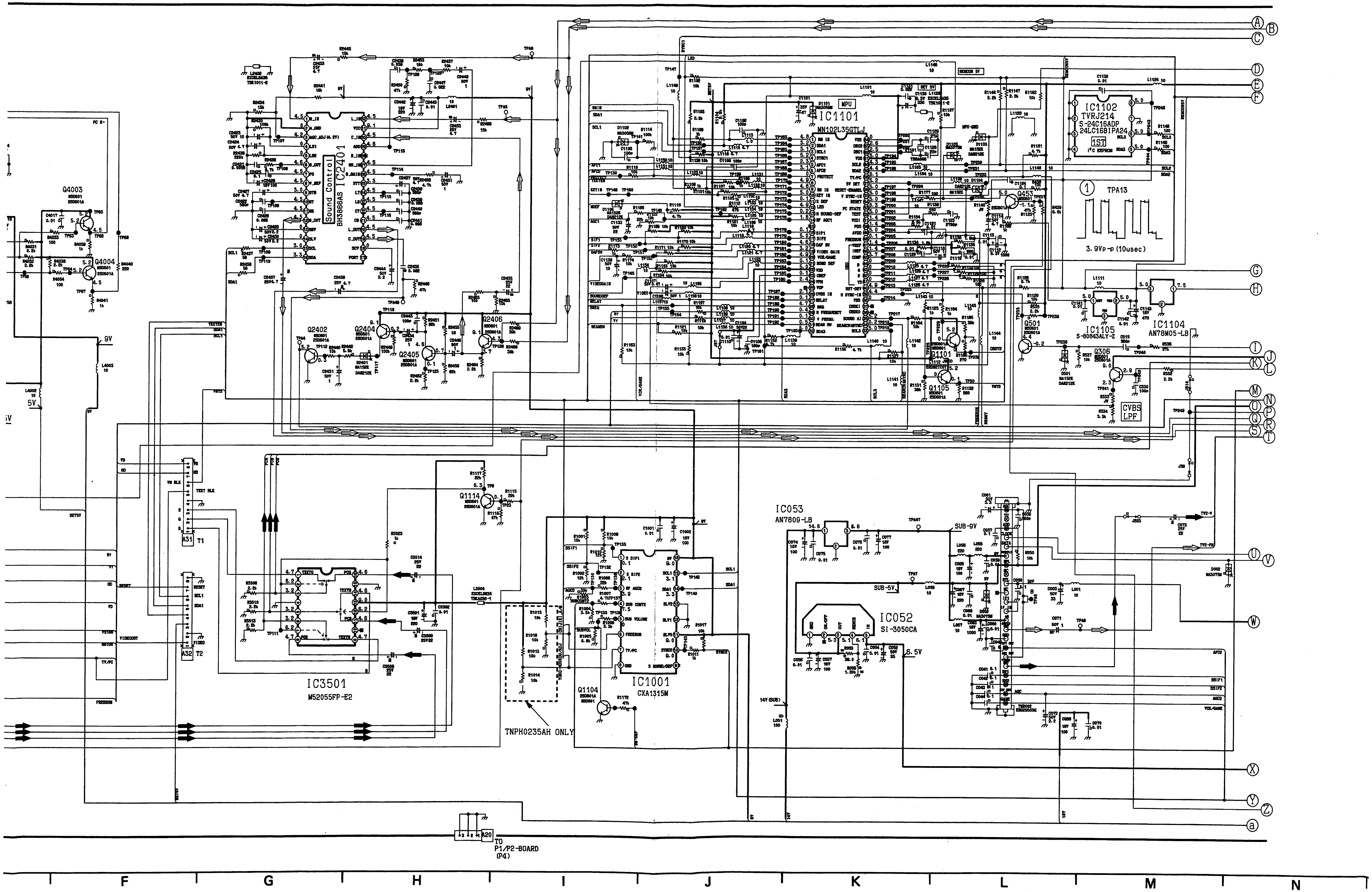

D-BOARD TNPH0234AB (FOR TX-29P100X/XM)
TNPH0234AD (FOR TX-33P100X/XM/XA)
COLD
HOT
TO A-BOARD (A1)
D1
TO X-BOARD (X2)
D6
TO X-BOARD (X1)
D7
TO A-BOARD (A2)
D2
IC801
STR83145LF55
IC803
MIP2810001TV
IC802
STRM6831AF04
TUC25602
IC804
SE140N
Q801
2SA1309A
2SA1048
Q802
2SD1424
Q805
2SC5311A
2SC2458
Q806
2SA1018Q
PROTECTOR
Q807
2SA1309A
2SA1048
PROTECTOR
D502
2SC2458
2SC5311A
T801
ETS19AB186AG
T802
ETS49AH1Z8AD
RL801
TSE8011
D803
D4SB80
D802
TRPW580N1200
TAP4GA0003
D804
TRPW580N1200
TAP4GA0003
COIL
D8S
29" TSPA099
33" TSPA089
DG
D5
TO P1/P2-BOARD (P2)
P2
D4
TPD1
TPD2
TPD3
TPD4
START
REG
T.S.D
TRIGER
O.V.P
LATCH
O.S.C
DRIVE
20VP-P
A
B
C
D
E
F
G
H
I
J
1
2
3
4
5
6

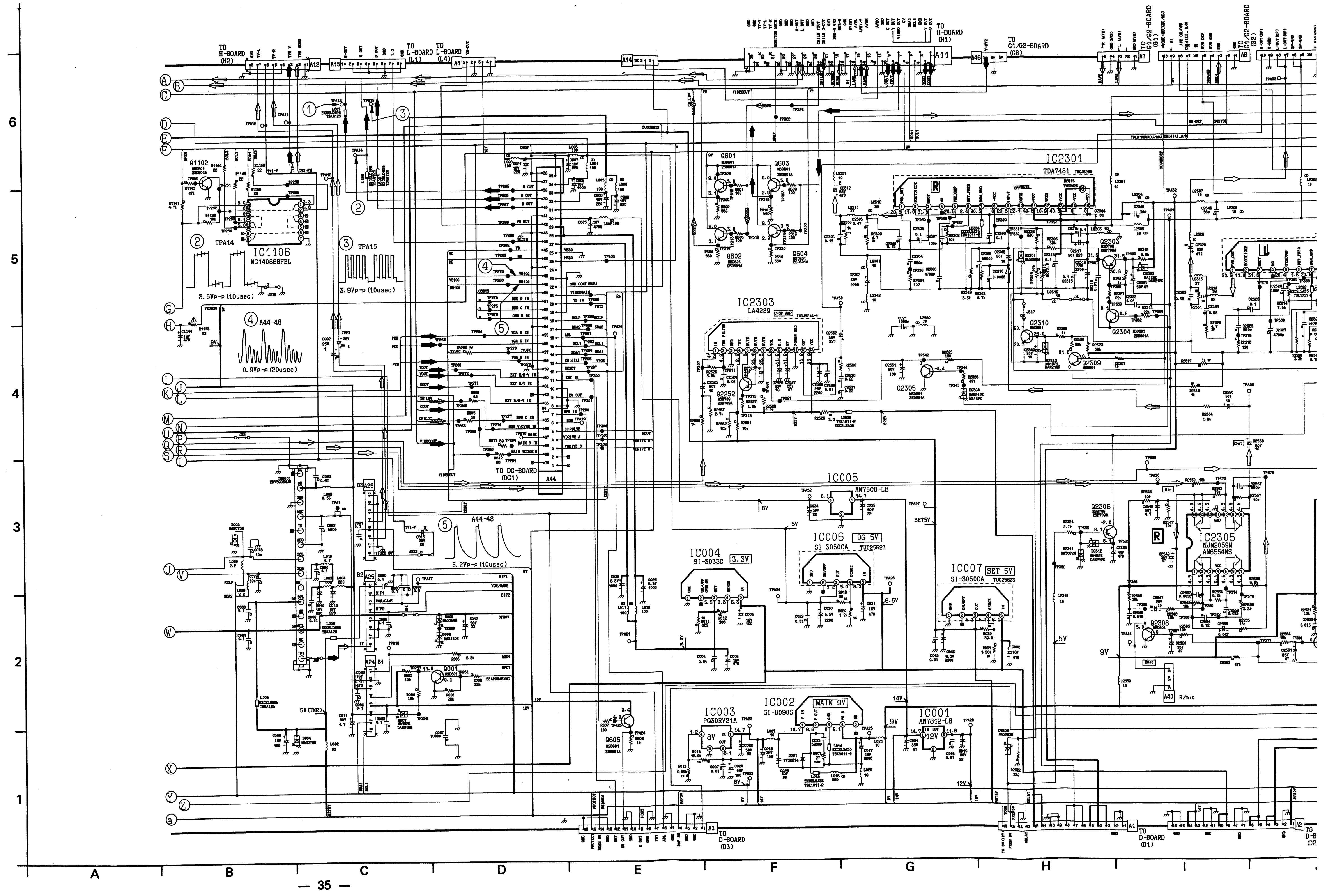

TO X-BOARD (X2)
D6
TO X-BOARD (X1)
D7
TO A-BOARD (A2)
D2
TO A-BOARD (A3)
D3
Q802
Q805
Q807
Q806
IC804
SE140N
PROTECTOR
Q503
Q504
Q502
Q506
20VP-P
14V 1.3A
6.5V 0.9A
15V
140V
220V
FBT
TO DY
D9
TO X-BOARD (X3)
D8
HOT
COLD
F
G
H
I
J
K
L
M
N

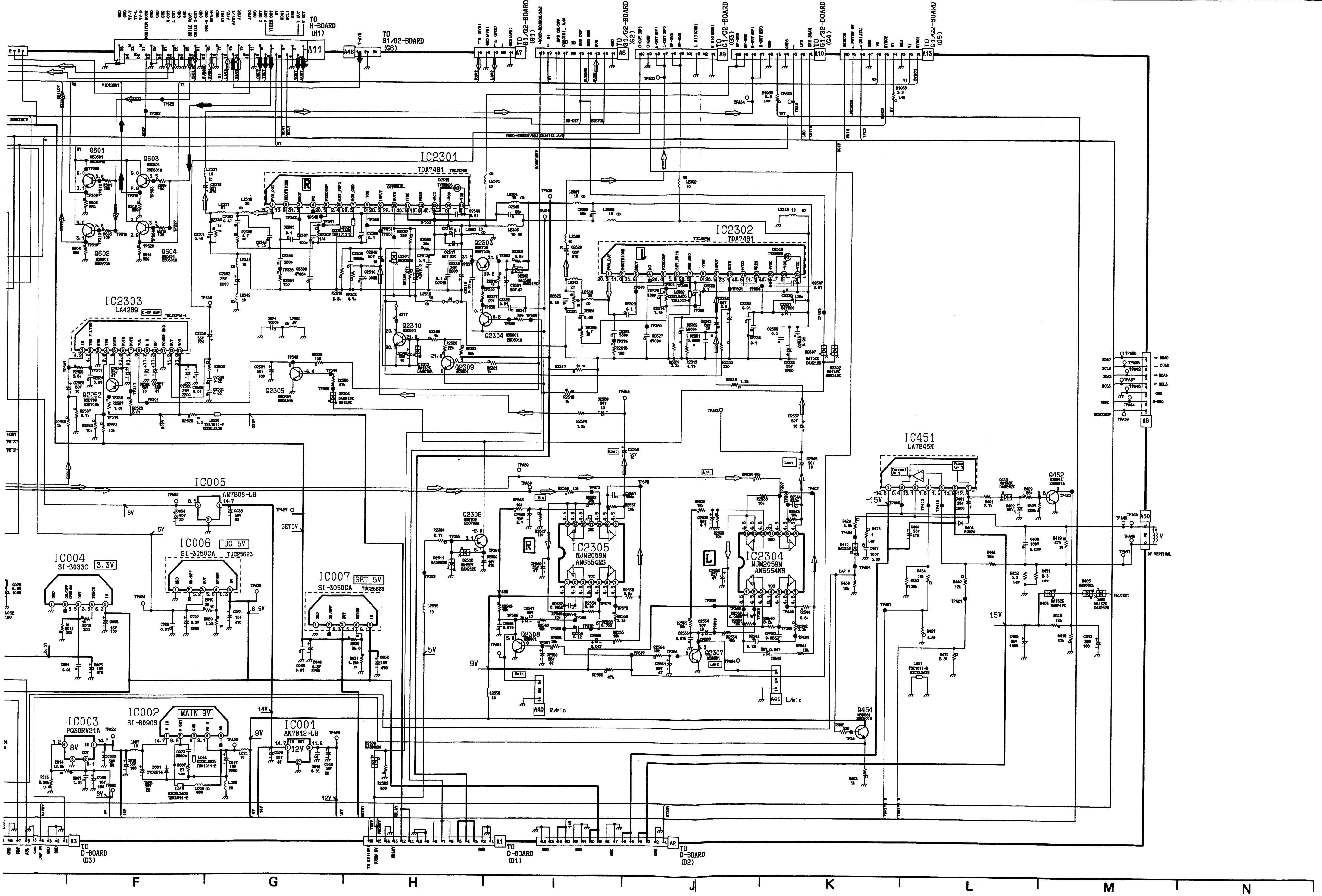
D–BOARD / A–BOARD

TX–29P100X/XM:TX–33P100X/XM/XA

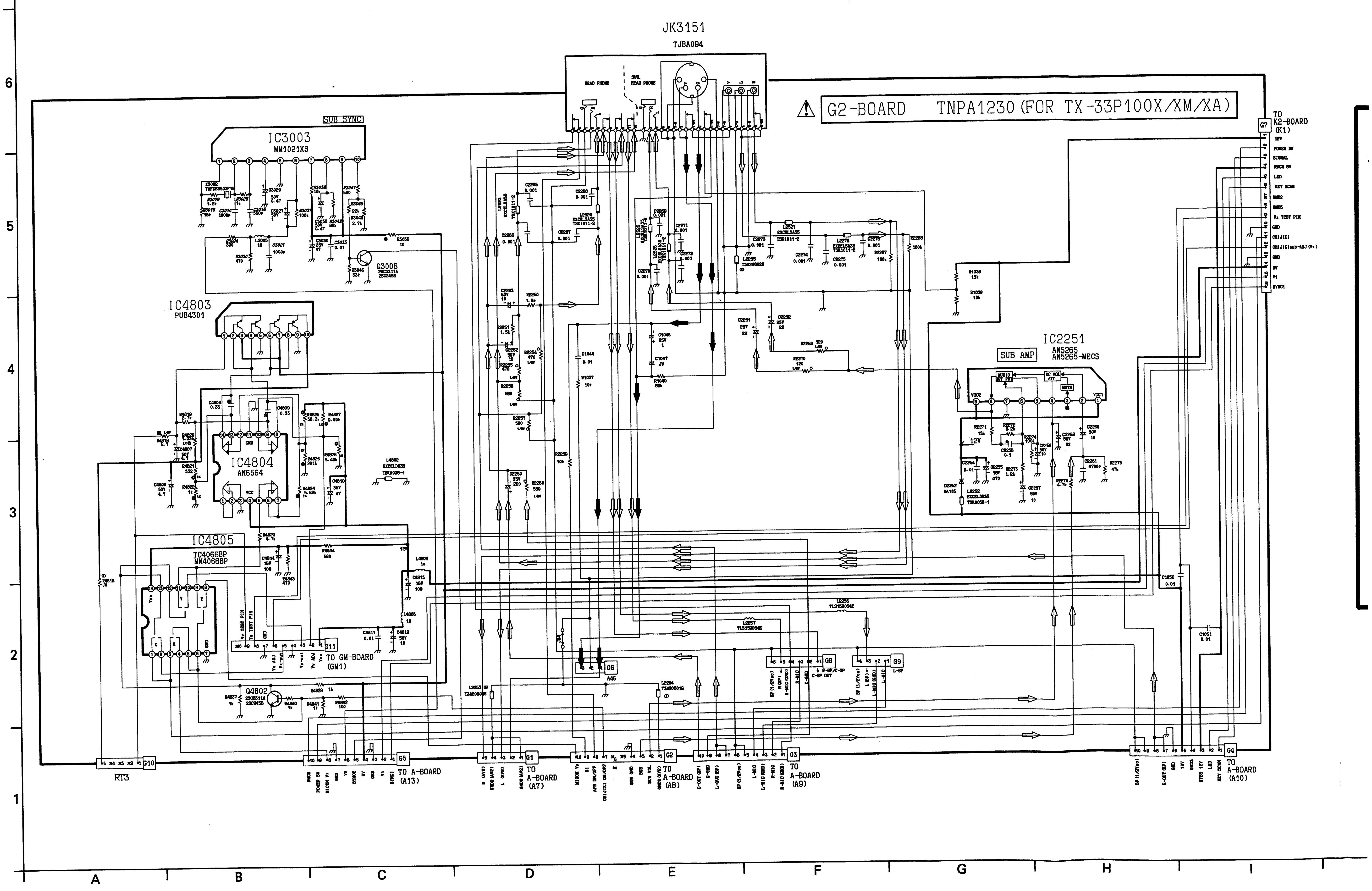

A-BOARD TNPA0235AB (FOR TX-29P100X/XM)
TNPH0235AH (FOR TX-33P100X/XM/XA)
IC4001
TC4053BF
IC4002
TC4053BF
IC4003
M52346SP
IC4006
SN74HC00NS
NAND
INVERTER
Q4003
Q4004
IC2401
BH3866AS
Sound Control
Q2402
Q2404
Q2405
Q2406
IC3501
M52055FP-E2
Q1114
Q1104
TNPH0235AH ONLY
A31
T1
A32
T2
A33
TO
Z1/Z2-BOARD
(Z1)
A20
TO
P1/P2-BOARD
(P4)
9V
5V
1
2
3
4
5
6
A
B
C
D
E
F
G
H
I

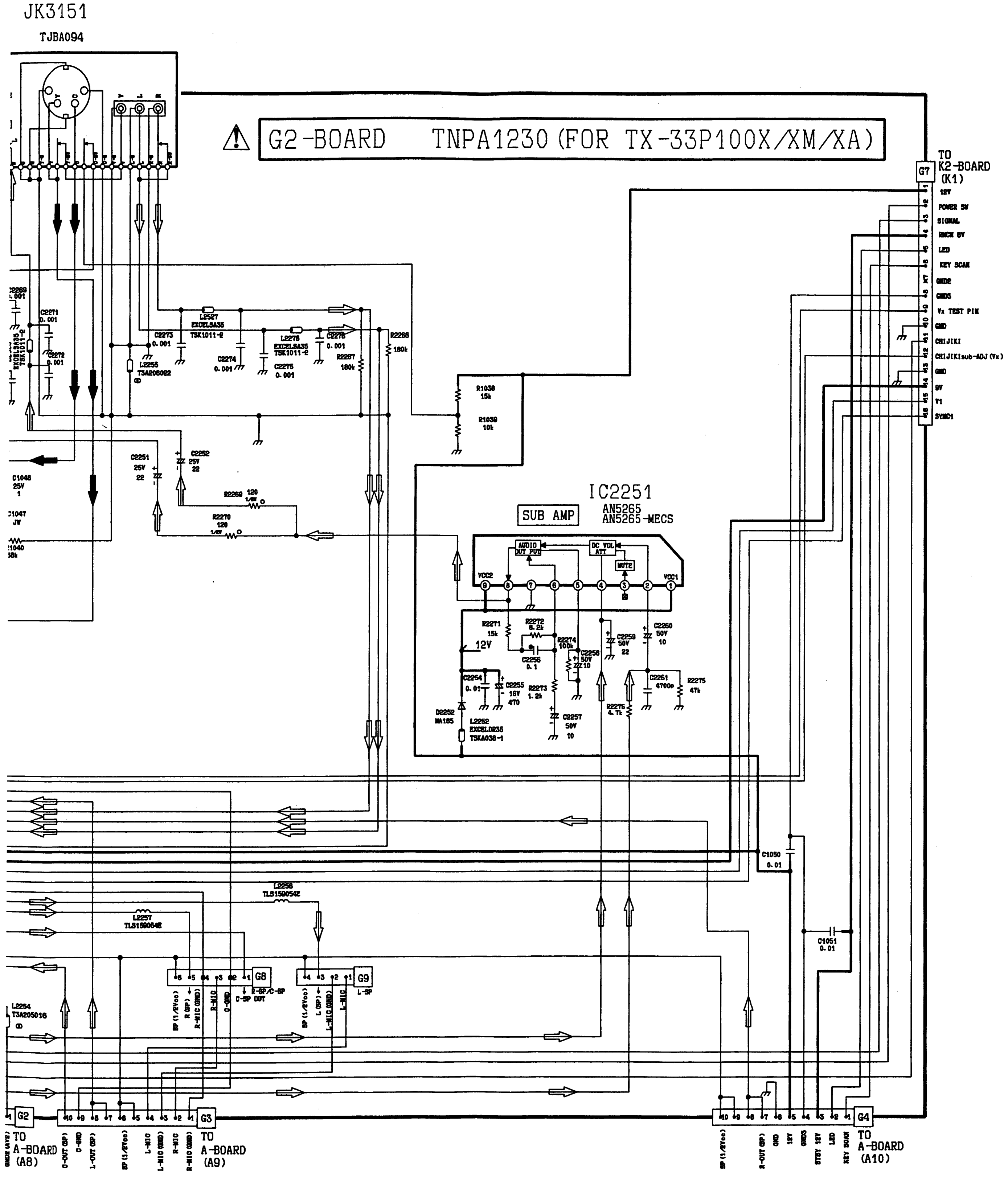

IC2401
BH3866AS
Sound Control
Q4003
Q4004
Q2402
Q2404
Q2405
Q2406
IC1101
MN102L35GTLJ
MPU
IC1102
TVRJ214
S-24C16ADP
24LC16BIPA24
1ST
I²C EEPROM
① TPA13
3.9Vp-p (10usec)
Q453
Q501
IC1105
S-80845ALY-Z
IC1104
AN78M05-LB
Q306
Q1101
Q1105
CVBS LPF
Q1114
IC3501
M52055FP-E2
TNPH0235AH ONLY
IC1001
CXA1315M
Q1104
IC053
AN7809-LB
SUB-9V
SUB-5V
IC052
SI-3050CA
6.5V
14V (SUB)
A31 T1
A32 T2
A20
TO P1/P2-BOARD (P4)
9V
5V
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z a
F G H I J K L M N

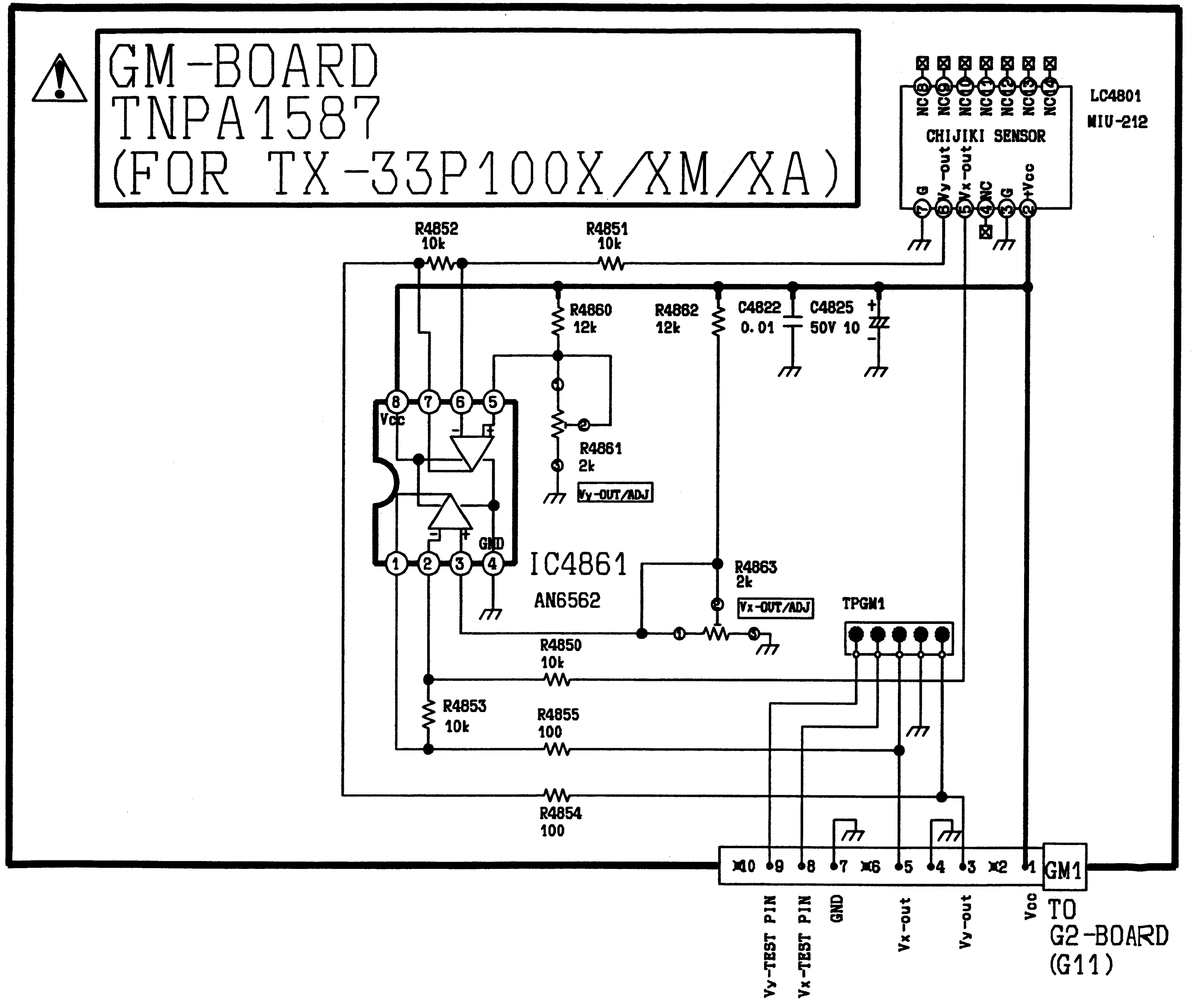

TO H-BOARD (H2)
TO L-BOARD (L1)
TO L-BOARD (L4)
TO H-BOARD (H1)
TO G1/G2-BOARD (G6)
TO G1/G2-BOARD (G1)
TO G1/G2-BOARD (G2)
IC1106
MC14066BFEL
Q1102
TPA14
TPA15
3.5Vp-p (10usec)
3.9Vp-p (10usec)
A44-48
0.9Vp-p (20usec)
5.2Vp-p (10usec)
TO DG-BOARD (DG1)
A44
IC2301
TDA7481
IC2303
LA4289
Q601
Q602
Q603
Q604
Q605
Q001
Q2252
Q2303
Q2304
Q2305
Q2306
Q2308
Q2309
Q2310
IC005
AN7808-LB
IC004
SI-3033C
3.3V
IC006
SI-3050CA
DG 5V
IC007
SI-3050CA
SET 5V
IC003
PQ30RV21A
IC002
SI-8090S
MAIN 9V
IC001
AN7812-LB
IC2305
NJM2059M
AN6554NS
TO D-BOARD (D3)
TO D-BOARD (D1)
A40 R/mic
A1
A2
A3
A4
A7
A8
A11
A12
A14
A15
A24
A25
A26
A46
A
B
C
D
E
F
G
H
I
1
2
3
4
5
6

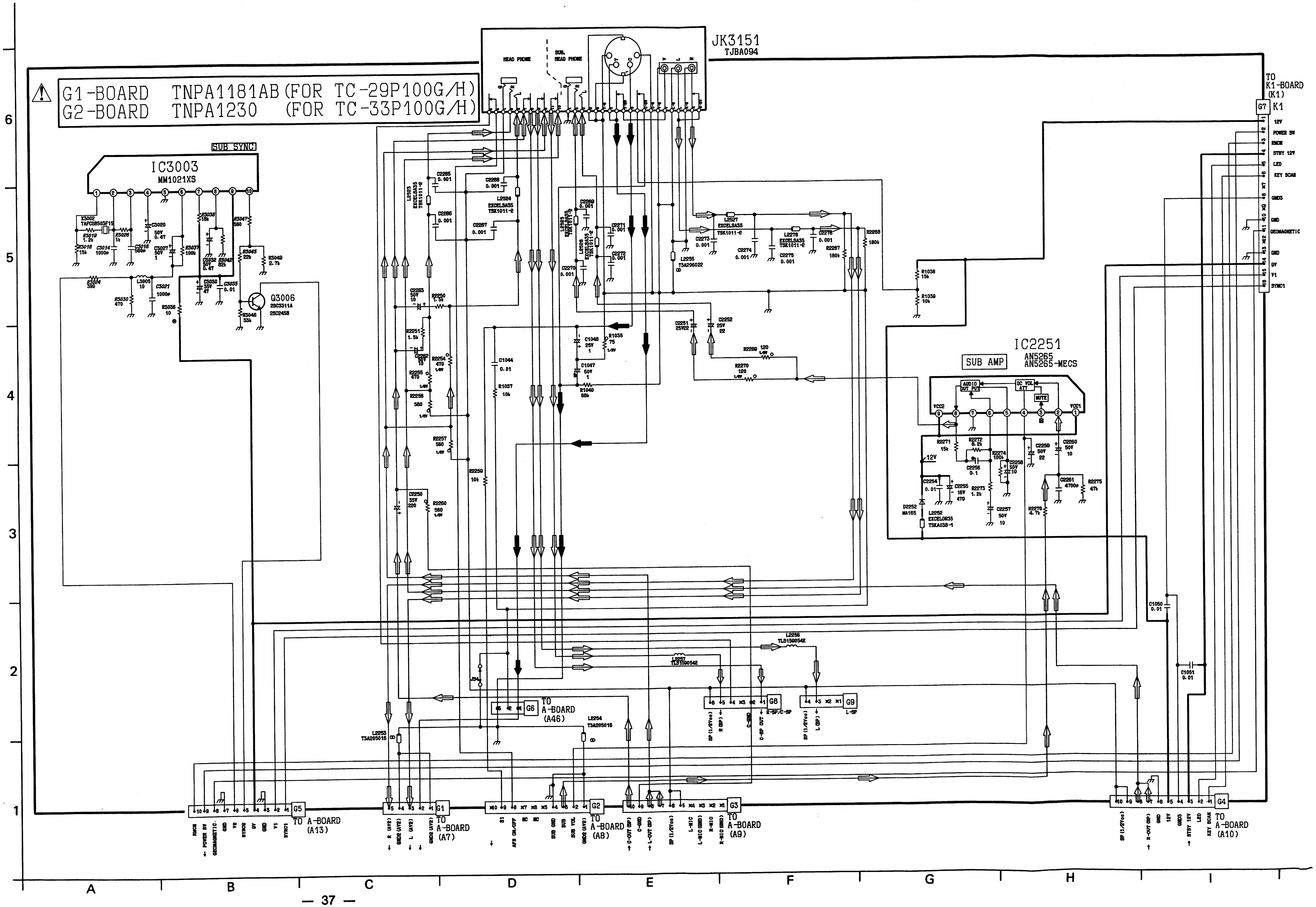

TO H-BOARD (H1)
A11
A46
TO G1/G2-BOARD (G6)
A7
TO G1/G2-BOARD (G1)
A8
TO G1/G2-BOARD (G2)
A9
TO G1/G2-BOARD (G3)
A10
TO G1/G2-BOARD (G4)
A13
TO G1/G2-BOARD (G5)
Q601
Q603
Q602
Q604
IC2301
TDA7481
R
IC2302
TDA7481
L
Q2303
Q2304
Q2310
Q2309
Q2305
IC2303
LA4289
Q2252
IC005
AN7808-LB
8V
5V
SET5V
IC006
SI-3050CA
DG 5V
IC004
SI-3033C
3.3V
IC007
SI-3050CA
SET 5V
6.5V
5V
IC003
PQ30RV21A
8V
IC002
SI-8090S
MAIN 9V
14V
9V
IC001
AN7812-LB
12V
Q2306
IC2305
NJM2059M
AN6554NS
Q2308
IC2304
NJM2059M
AN6554NS
Q2307
9V
A40
R/mic
A41
L/mic
Rout
Lout
Rin
Lin
Rmic
Lmic
IC451
LA7845N
-15V
15V
Q452
Q454
A30
V
DY VERTICAL
PROTECT
A6
A3
TO D-BOARD (D3)
A1
TO D-BOARD (D1)
A2
TO D-BOARD (D2)
F
G
H
I
J
K
L
M
N

A–BOARD / GM, G2–BOARD (for TX–33P100X/XM/XA)

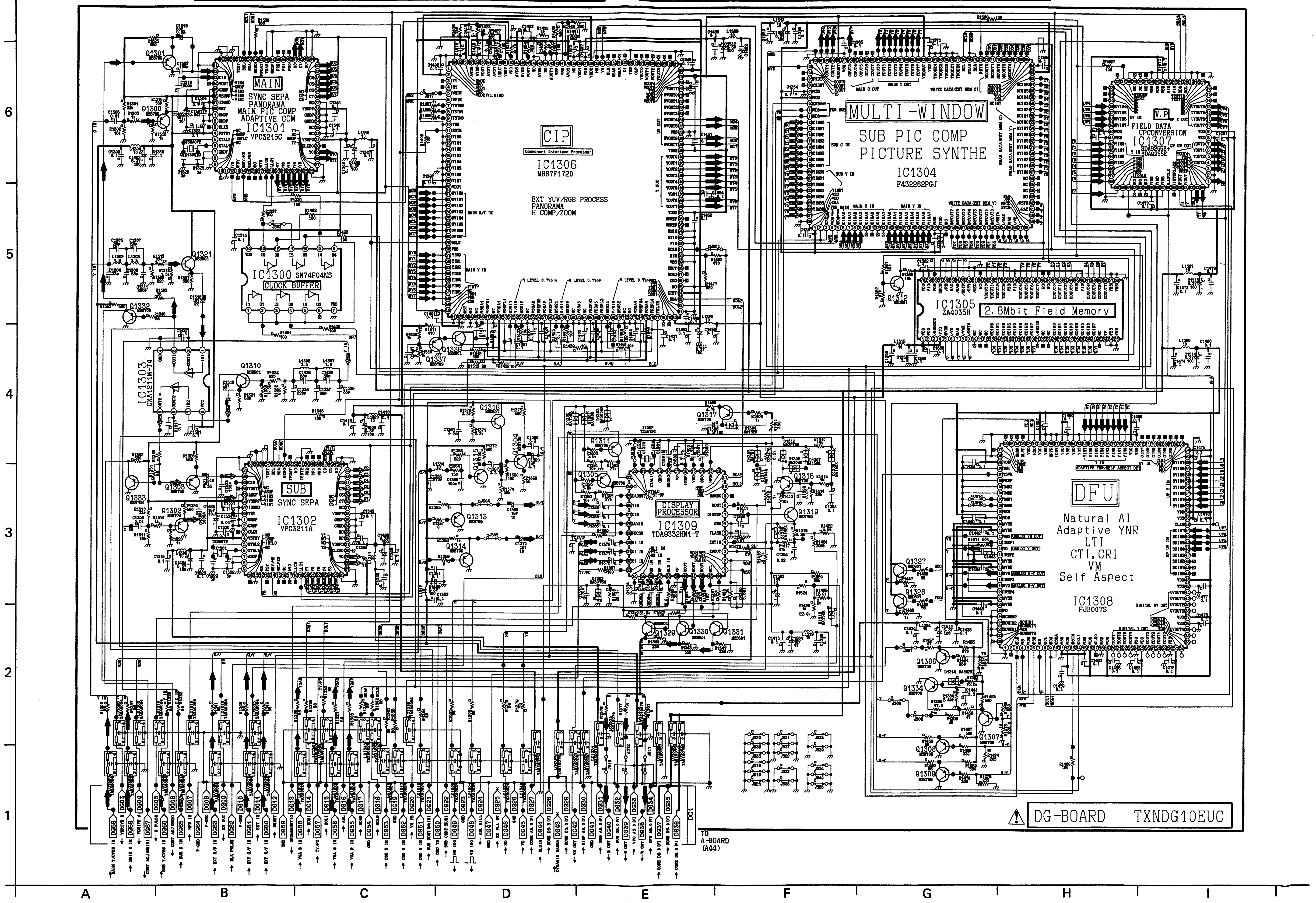

JK3151
TJBA094
HEAD PHONE
SUB. HEAD PHONE
⚠ G2-BOARD TNPA1230 (FOR TX-33P100X/XM/XA)
SUB SYNC
IC3003
MM1021XS
Q3006
2SC3311A
2SC2458
IC4803
PUB4301
IC4804
AN5564
IC4805
TC4066BP
MN4066BP
Q4802
2SC3311A
2SC2458
IC2251
SUB AMP
AN5265
AN5265-MECS
AUDIO OUT PUT
DC VOL ATT
MUTE
12V
TO K2-BOARD (K1)
G7
12V
POWER SW
SIGNAL
RMCN 5V
LED
KEY SCAN
GND2
GND3
Vx TEST PIN
GND
CHIJIKI
CHIJIKI(sub-ADJ (Vx)
GND
5V
Y1
SYNC1
TO GM-BOARD (GM1)
G11
G6
A46
G8
G9
RT3
G10
G5
TO A-BOARD (A13)
G1
TO A-BOARD (A7)
G2
TO A-BOARD (A8)
G3
TO A-BOARD (A9)
G4
TO A-BOARD (A10)
1
2
3
4
5
6
A
B
C
D
E
F
G
H
I


JK3151
TJBA094
G2-BOARD TNPA1230 (FOR TX-33P100X/XM/XA)
TO K2-BOARD (K1)
G7
12V
POWER 5V
SIGNAL
KEY SCAN
Vx TEST PIN
GND
CHIJIKI
SYNC1
R1038 15k
R1039 10k
L2257 EXCELSA35
L2278 EXCELSA35
C2273 0.001
C2274 0.001
C2275 0.001
C2276 0.001
R2267 180k
R2268 180k
L2255 TSA206022
C2251 25V 22
C2252 25V 22
R2269 120
R2270 120
IC2251
SUB AMP
AN5265
AN5265-MECS
AUDIO OUT PWR
DC VOL ATT
MUTE
VCC2
VCC1
12V
R2271 15k
R2272 8.2k
C2256 0.1
R2274 100k
C2258 50V 10
C2259 50V 22
C2260 50V 10
C2261 4700p
R2275 47k
C2254 0.01
C2255 16V 470
R2273 1.2k
D2252 MA165
L2252 EXCELDN35 TSKA038-1
C2257 50V 10
R2276 4.7k
C1050 0.01
C1051 0.01
L2256 TLS150054E
L2257 TLS150054E
L2254 TSA205016
G8
C-SP OUT
G9
L-SP
G2
TO A-BOARD (A8)
G3
TO A-BOARD (A9)
G4
TO A-BOARD (A10)

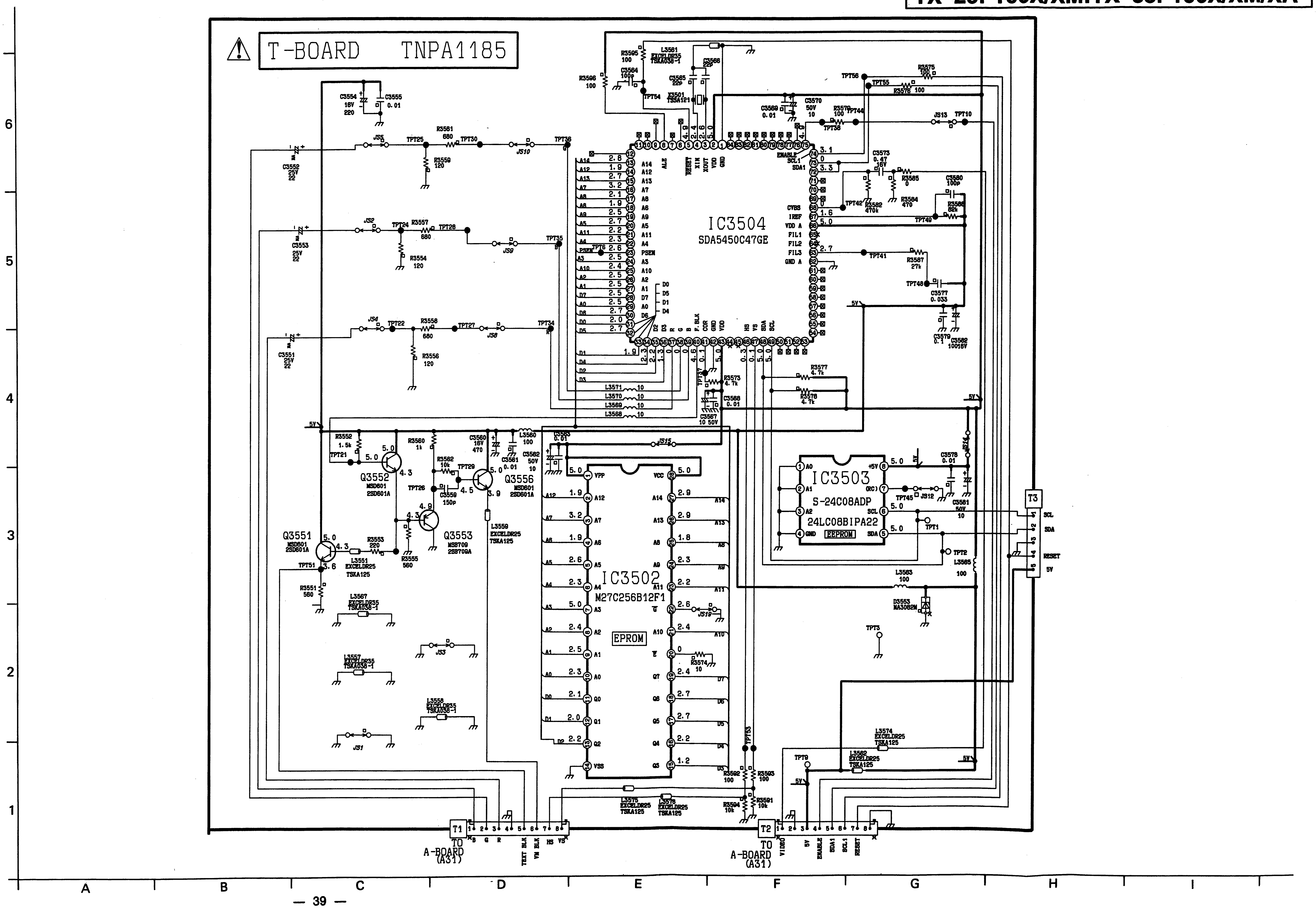

GM-BOARD
TNPA1587
(FOR TX-33P100X/XM/XA)
LC4801
MIU-212
CHIJIKI SENSOR
NC
G
Vy-out
Vx-out
NC
+Vcc
R4852 10k
R4851 10k
R4860 12k
R4862 12k
C4822 0.01
C4825 50V 10
R4861 2k
Vy-OUT/ADJ
Vcc
GND
IC4861
AN6562
R4863 2k
Vx-OUT/ADJ
TPGM1
R4850 10k
R4853 10k
R4855 100
R4854 100
GM1
Vy-TEST PIN
Vx-TEST PIN
GND
Vx-out
Vy-out
Vcc
TO G2-BOARD (G11)

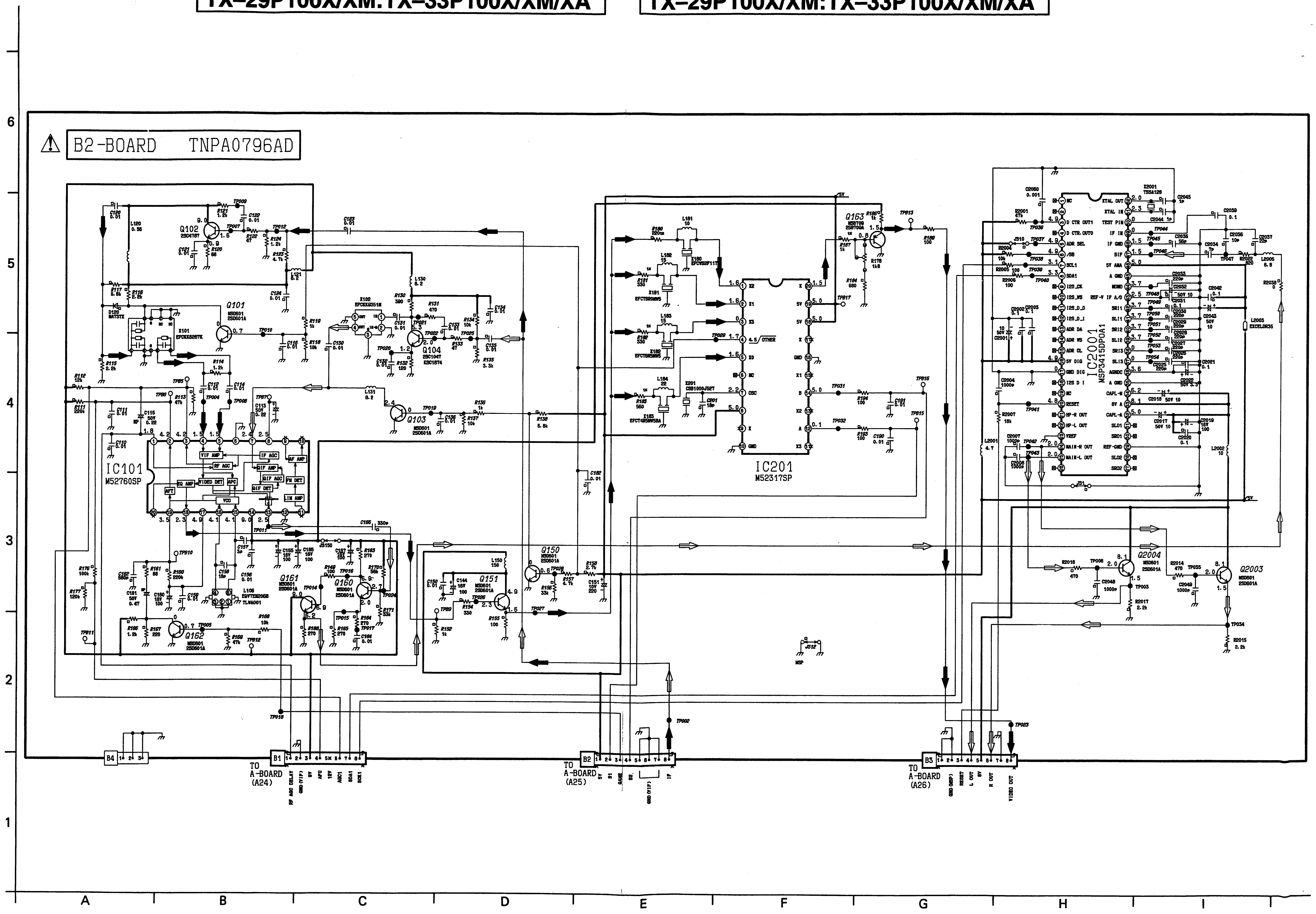

G1-BOARD TNPA1181AB (FOR TC-29P100G/H)
G2-BOARD TNPA1230 (FOR TC-33P100G/H)
JK3151
TJBA094
HEAD PHONE
SUB. HEAD PHONE
SUB SYNC
IC3003
MM1021XS
Q3006
2SC3311A
2SC2458
IC2251
SUB AMP
AN5265
AN5265-MECS
AUDIO OUT PUT
DC VOL ATT
MUTE
VCC2
VCC1
TO K1-BOARD (K1)
G7
K1
12V
POWER SW
RMCN
STBY 12V
LED
KEY SCAN
GND3
GND
GEOMAGNETIC
GND
9V
V1
SYNC1
G5
TO A-BOARD (A13)
G1
TO A-BOARD (A7)
G2
TO A-BOARD (A8)
G3
TO A-BOARD (A9)
G4
TO A-BOARD (A10)
G6
TO A-BOARD (A46)
G8
R-SP/C-SP
G9
L-SP
L2256
TLS150054E
L2257
TLS150054E
L2253
T3A205016
L2254
T3A205016
L2255
T3A206022
C1050
0.01
C1051
0.01
D2252
MA165
L2252
EXCELDR35
TSKA038-1
12V
6
5
4
3
2
1
A
B
C
D
E
F
G
H
I

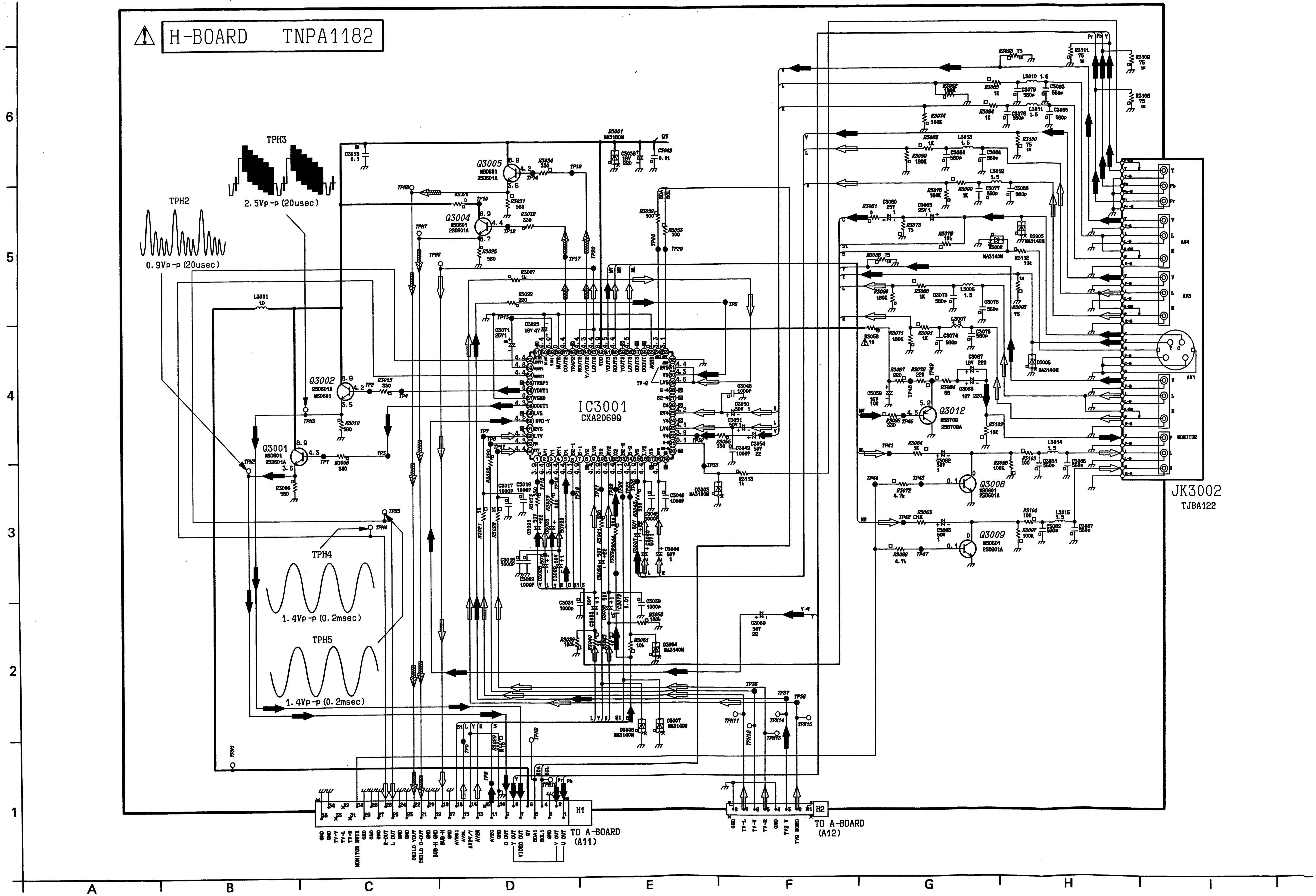
TX-29P100X/XM:TX-33P100X/XM/XA **TX-29P100X/XM:TX-33P100X/XM/XA**

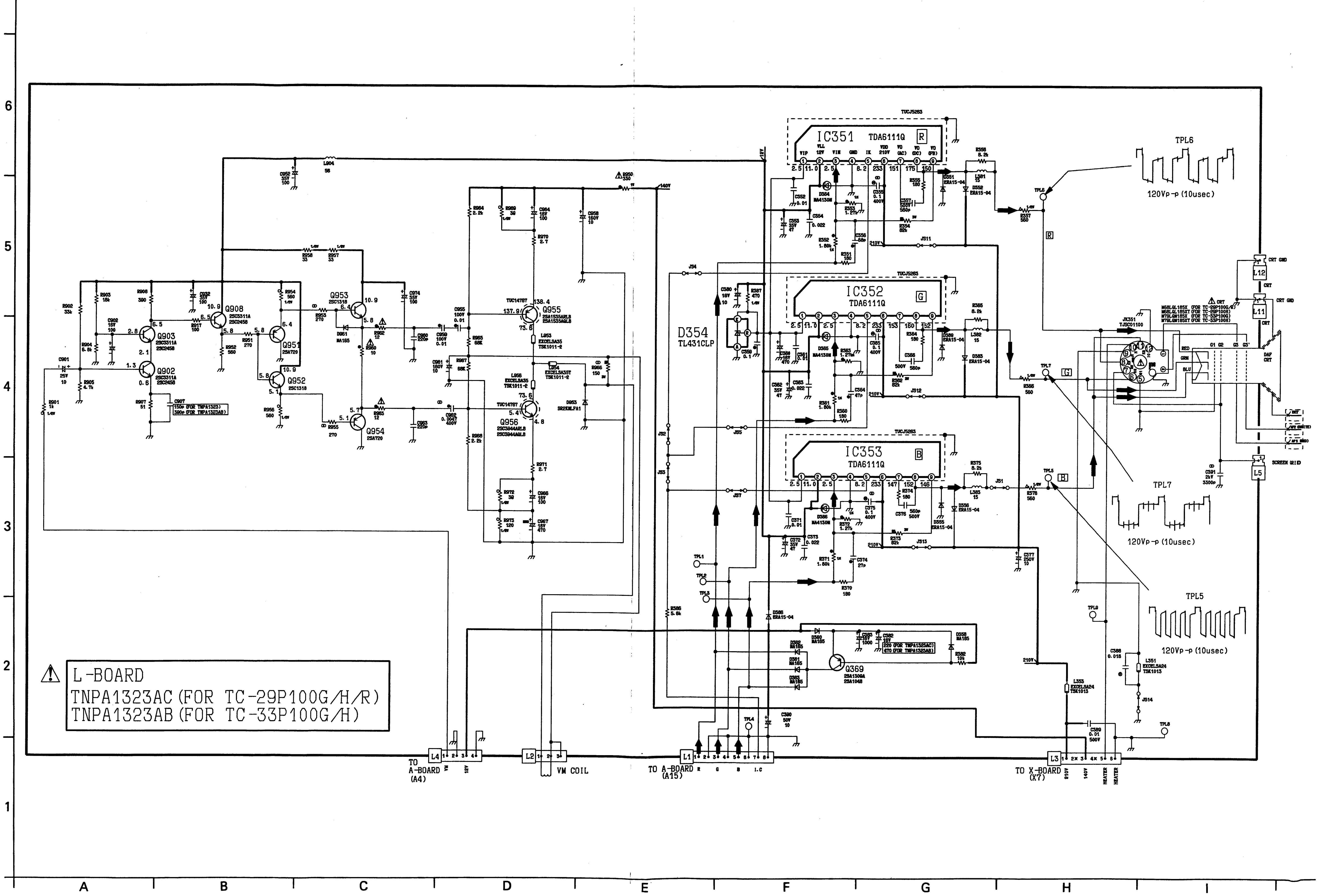

MAIN
SYNC SEPA
PANORAMA
MAIN PIC COMP
ADAPTIVE COM
IC1301
VPC3215C
CIP
Component Interface Processor
IC1306
MB87F1720
EXT YUV/RGB PROCESS
PANORAMA
H COMP/ZOOM
MULTI-WINDOW
SUB PIC COMP
PICTURE SYNTHE
IC1304
F432262PGJ
V.P.
FIELD DATA
UPCONVERSION
IC1307
SDA9255E
IC1300 SN74F04NS
CLOCK BUFFER
IC1305
ZA4035H
2.8Mbit Field Memory
IC1303
CXA1211M-T4
SUB
SYNC SEPA
IC1302
VPC3211A
DISPLAY PROCESSOR
IC1309
TDA9332HN1-T
DFU
Natural AI
Adaptive YNR
LTI
CTI,CRI
VM
Self Aspect
IC1308
FJB007S
⚠ DG-BOARD TXNDG10EUC
TO A-BOARD (A44)
DG1
A
B
C
D
E
F
G
H
I
1
2
3
4
5
6

G1 (for TX-29P100X/XM)) / DG-BOARD

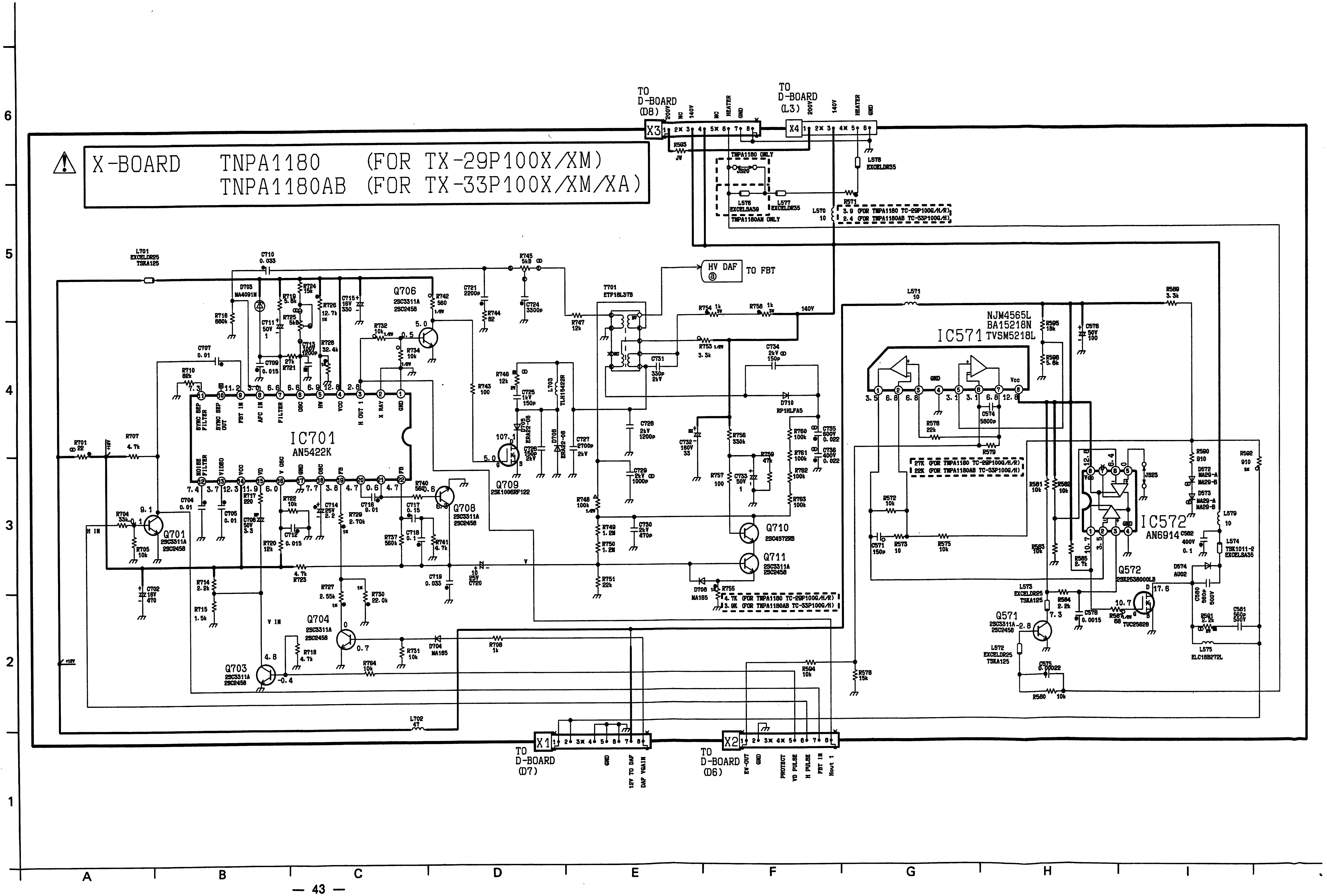

⚠ T-BOARD TNPA1185
IC3504
SDA5450C47GE
IC3502
M27C256B12F1
EPROM
IC3503
S-24C08ADP
24LC08BIPA22
EEPROM
Q3551
MSD601
2SD601A
Q3552
MSD601
2SD601A
Q3553
MSB709
2SB709A
Q3556
MSD601
2SD601A
D3553
MA3082M
T1
TO
A-BOARD
(A31)
T2
TO
A-BOARD
(A31)
T3
SCL
SDA
RESET
5V
B
G
R
TEXT BLK
VM BLK
HS
VS
VIDEO
5V
ENABLE
SDA1
SCL1
RESET
L3561
EXCELDR35
TSKA036-1
L3567
EXCELDR35
TSKA036-1
L3557
EXCELDR35
TSKA036-1
L3558
EXCELDR35
TSKA036-1
L3551
EXCELDR25
TSKA125
L3559
EXCELDR25
TSKA125
L3574
EXCELDR25
TSKA125
L3562
EXCELDR25
TSKA125
L3575
EXCELDR25
TSKA125
L3576
EXCELDR25
TSKA125
6
5
4
3
2
1
A
B
C
D
E
F
G
H
I

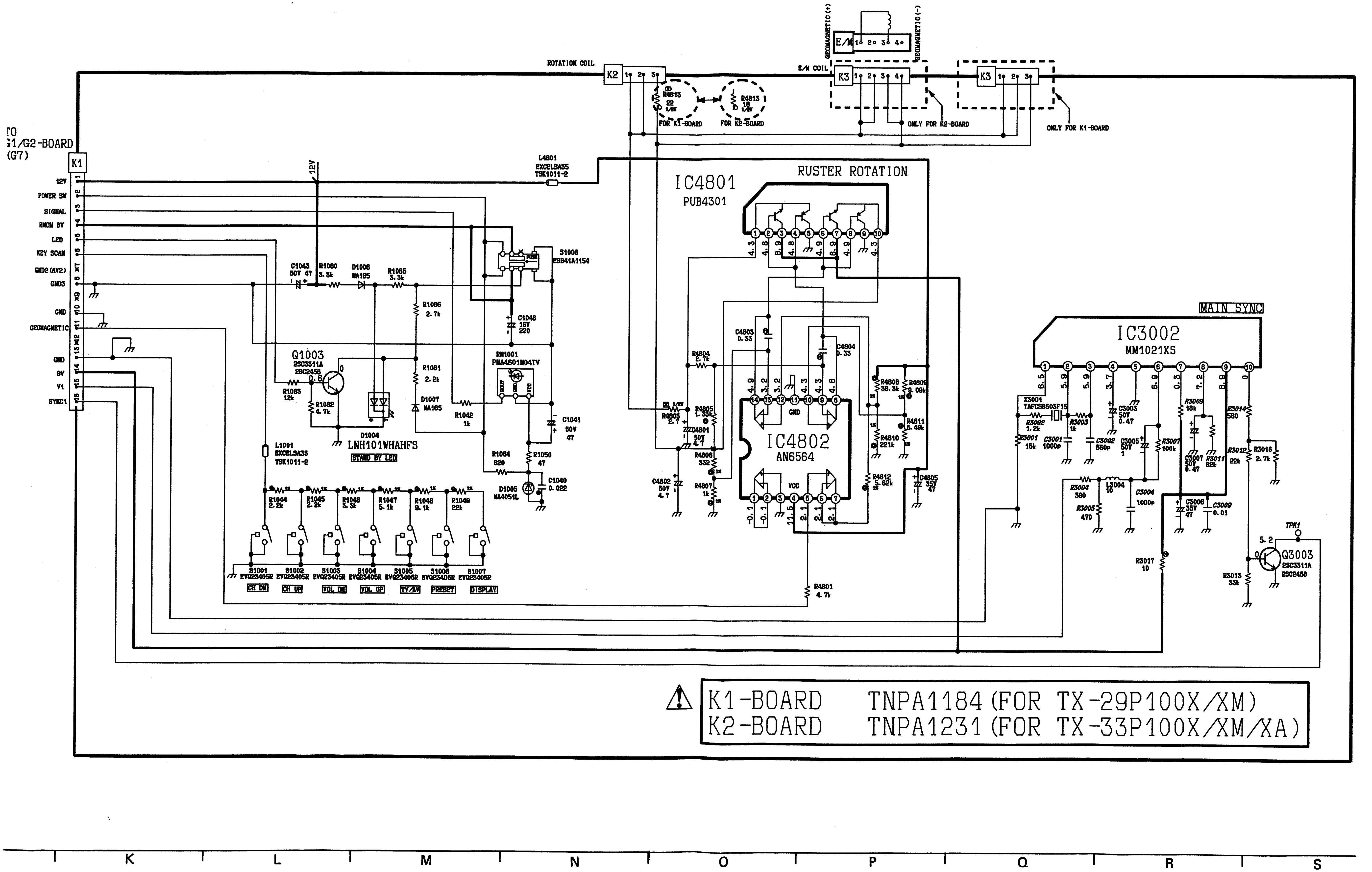

B2-BOARD TNPA0796AD
IC101
M52760SP
VIF AMP
RF AGC
IF AGC
QIF AMP
AF AMP
QIF AGC
EQ AMP
VIDEO DET
APC
FM DET
QIF DET
AFT
VCO
LIM AMP
Q101
Q102
Q103
Q104
Q150
Q151
Q160
Q161
Q162
Q163
IC201
M52317SP
IC2001
MSP3415DP0A1
Q2003
Q2004
X101
X102
X160
X181
X182
X183
X201
X2001
B1
B2
B3
B4
TO A-BOARD (A24)
TO A-BOARD (A25)
TO A-BOARD (A26)
RF AGC DELAY
GND (VIF)
5V
AFC
12V
AGC1
SDA1
SCL1
S1
GAME
GND (VIF)
IF
GND (DSP)
RESET
L OUT
8V
R OUT
VIDEO OUT
5V
A
B
C
D
E
F
G
H
I
1
2
3
4
5
6


H-BOARD TNPA1182
TPH3
2.5Vp-p (20usec)
TPH2
0.9Vp-p (20usec)
TPH4
1.4Vp-p (0.2msec)
TPH5
1.4Vp-p (0.2msec)
Q3005
Q3004
Q3002
Q3001
IC3001
CXA2069Q
Q3012
Q3008
Q3009
D3001
MA3180M
9V
JK3002
TJBA122
AV4
AV3
AV1
MONITOR
H1
TO A-BOARD
(A11)
H2
TO A-BOARD
(A12)
A
B
C
D
E
F
G
H
I
1
2
3
4
5
6


⚠ L-BOARD
TNPA1323AC (FOR TC-29P100G/H/R)
TNPA1323AB (FOR TC-33P100G/H)
IC351 TDA6111Q R
IC352 TDA6111Q G
IC353 TDA6111Q B
D354 TL431CLP
TPL6
120Vp-p (10usec)
TPL7
120Vp-p (10usec)
TPL5
120Vp-p (10usec)
Q902
Q903
Q908
Q951
Q952
Q953
Q954
Q955
Q956
Q369
TO A-BOARD (A4)
VM COIL
TO A-BOARD (A15)
TO X-BOARD (X7)
L1
L2
L3
L4
L5
L11
L12
CRT GND
SCREEN GRID
HEATER
1
2
3
4
5
6
A
B
C
D
E
F
G
H
I

H-BOARD / L-BOARD

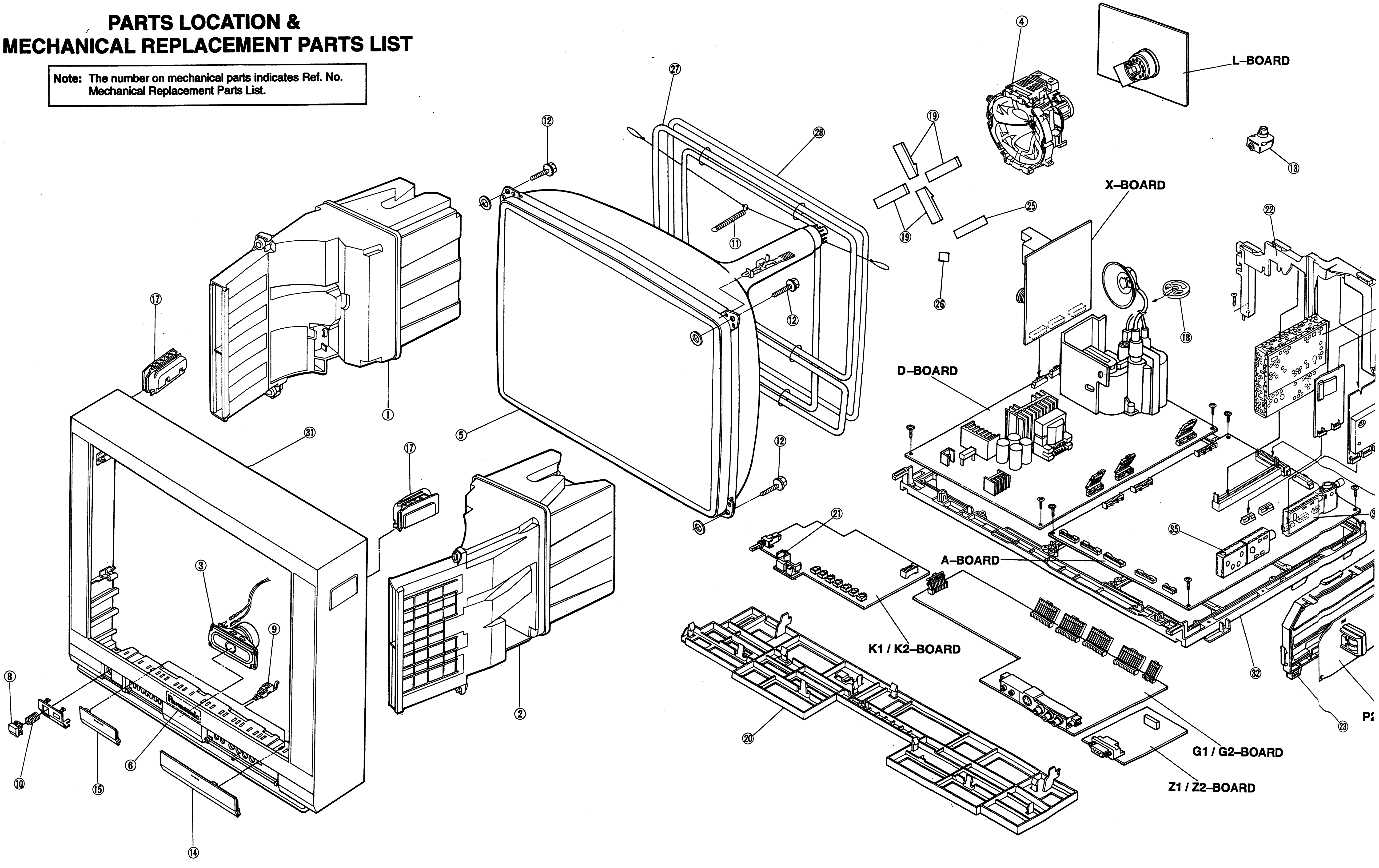

X-BOARD TNPA1180 (FOR TX-29P100X/XM)
TNPA1180AB (FOR TX-33P100X/XM/XA)
TO D-BOARD (D8)
X3
200V
NC
140V
NC
HEATER
GND
TO D-BOARD (L3)
X4
200V
140V
HEATER
GND
R593 JW
TNPA1180 ONLY
JS20
L576 EXCELSA39
L577 EXCELDR35
TNPA1180AH ONLY
L578 EXCELDR35
L570 10
R571
3.9 (FOR TNPA1180 TC-29P100G/H/R)
2.4 (FOR TNPA1180AB TC-33P100G/H)
HV DAF
TO FBT
T701 ETF18L37B
IC701
AN5422K
SYNC SEP FILTER
SYNC SEP OUT
FBT IN
AFC IN
FILTER
OSC
HW
VCC
H OUT 1
X RAY
GND
NOISE FILTER
VIDEO
VCC
VD
V OSC
GND
OSC
FB
FB
Q701 2SC3311A 2SC2458
Q703 2SC3311A 2SC2458
Q704 2SC3311A 2SC2458
Q706 2SC3311A 2SC2458
Q708 2SC3311A 2SC2458
Q709 2SK1006RF122
Q710 2SC4572RB
Q711 2SC3311A 2SC2458
D703 MA4091M
D704 MA165
D705 ERA22-06
D706 ERA22-06
D708 MA165
D710 RP1HLFA5
L701 EXCELDR25 TSKA125
L702 47
L703 TLH10422R
R755
4.7K (FOR TNPA1180 TC-29P100G/H/R)
3.9K (FOR TNPA1180AB TC-33P100G/H)
H IN
V IN
IC571
NJM4565L
BA15218N
TVSM5218L
IC572
AN6914
Q571 2SC3311A 2SC2458
Q572 2SK2538000LB
L571 10
L572 EXCELDR25 TSKA125
L573 EXCELDR25 TSKA125
L574 TSK1011-2 EXCELSA35
L575 ELC18B272L
L579 10
D572 MA29-A MA29-B
D573 MA29-A MA29-B
D574 AU02
JS23
27K (FOR TNPA1180 TC-29P100G/H/R)
22K (FOR TNPA1180AB TC-33P100G/H)
TO D-BOARD (D7)
X1
GND
12V TO DAF
DAF VGAIN
TO D-BOARD (D6)
X2
EW-OUT
GND
PROTECT
VD PULSE
H PULSE
FBT IN
Hout 1
1
2
3
4
5
6
A
B
C
D
E
F
G
H
I


TO G1/G2-BOARD (G7)
K1
12V
POWER SW
SIGNAL
RMCN 8V
LED
KEY SCAN
GND2 (AV2)
GND3
GND
GEOMAGNETIC
GND
9V
V1
SYNC1
12V
ROTATION COIL
K2
E/M COIL
K3
GEOMAGNETIC (+)
GEOMAGNETIC (-)
E/M
R4813 22 1/8W
FOR K1-BOARD
R4813 18 1/8W
FOR K2-BOARD
ONLY FOR K2-BOARD
ONLY FOR K1-BOARD
L4801 EXCELSA35 TSK1011-2
RUSTER ROTATION
IC4801
PUB4301
IC4802
AN6564
MAIN SYNC
IC3002
MM1021XS
C1043 50V 47
R1080 3.3k
D1006 MA165
R1085 3.3k
R1086 2.7k
S1008 ESB41A1154
C1048 16V 220
RM1001 PNA4601M04TV
Q1003
2SC3311A
2SC2458
R1083 12k
R1082 4.7k
R1081 2.2k
D1007 MA165
R1042 1k
C1041 50V 47
D1004
LNH101WHAHFS
STAND BY LED
L1001 EXCELSA35 TSK1011-2
R1084 820
R1050 47
C1040 0.022
D1005 MA4051L
R1044 2.2k
R1045 2.2k
R1046 3.3k
R1047 5.1k
R1048 9.1k
R1049 22k
S1001 EVQ23405R
S1002 EVQ23405R
S1003 EVQ23405R
S1004 EVQ23405R
S1005 EVQ23405R
S1006 EVQ23405R
S1007 EVQ23405R
CH DN
CH UP
VOL DN
VOL UP
TV/AV
PRESET
DISPLAY
C4803 0.33
C4804 0.33
R4804 2.7k
R4803 2.7
R4805 1.33k
C4801 50V 4.7
R4806 332
R4807 1k
C4802 50V 4.7
R4808 38.3k
R4809 9.09k
R4811 5.49k
R4810 221k
R4812 5.62k
C4805 35V 47
R4801 4.7k
GND
VCC
X3001 TAFCSB503F15
R3002 1.2k
R3003 1k
R3001 15k
C3001 1000p
C3002 560p
C3003 50V 0.47
C3005 50V 1
R3007 100k
R3009 18k
R3014 560
C3007 50V 0.47
R3011 82k
R3012 22k
R3016 2.7k
R3004 390
L3004 10
C3004 1000p
R3005 470
C3006 35V 47
C3009 0.01
R3017 10
TPK1
Q3003
2SC3311A
2SC2458
R3013 33k
K
L
M
N
O
P
Q
R
S

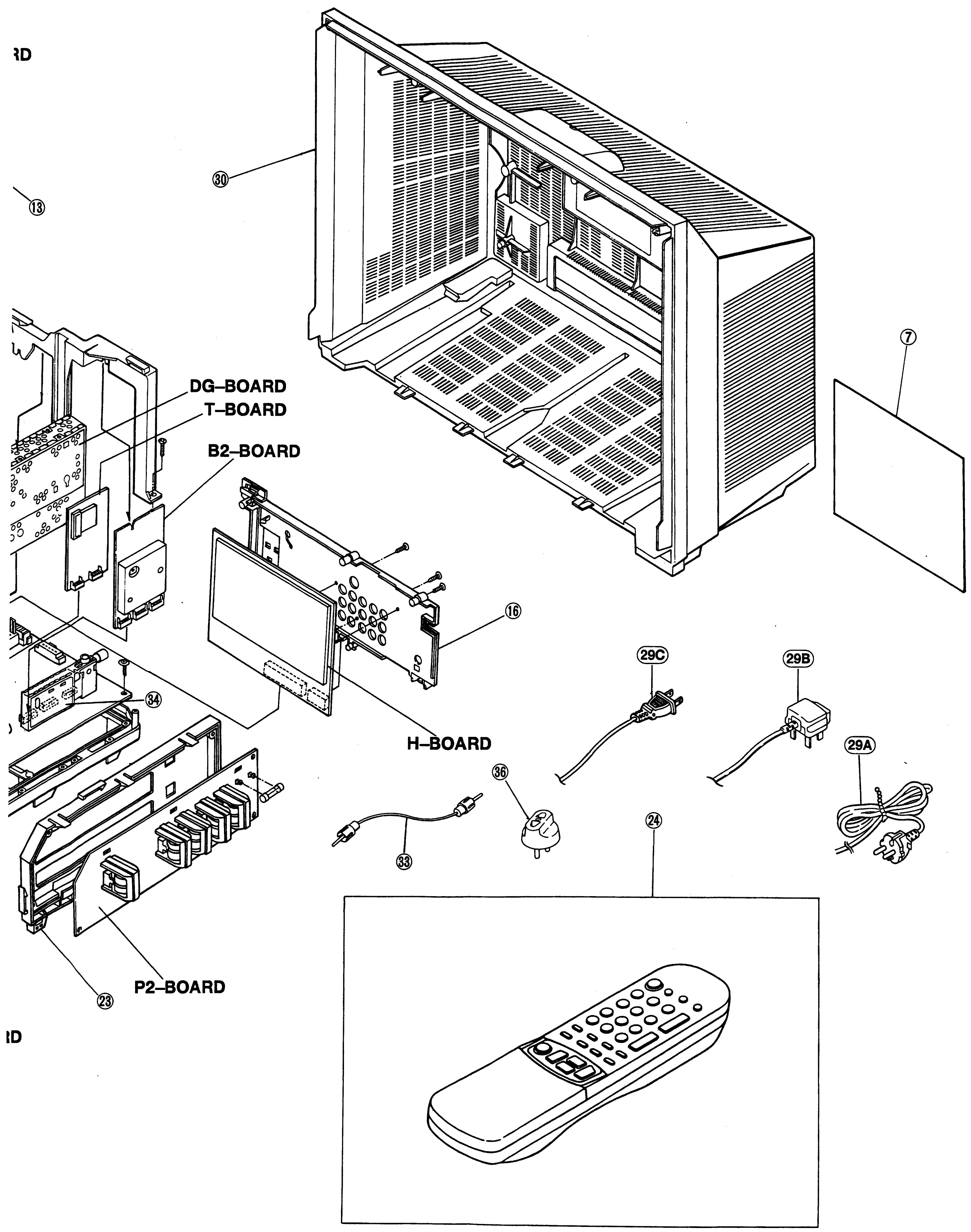
⚠ K1-BOARD TNPA1184 (FOR TX-29P100X/XM)
K2-BOARD TNPA1231 (FOR TX-33P100X/XM/XA)

PARTS LOCATION & MECHANICAL REPLACEMENT PARTS LIST

Note: The number on mechanical parts indicates Ref. No. Mechanical Replacement Parts List.


④
L–BOARD
㉗
⑫
㉘
⑲
⑬
X–BOARD
㉕
⑲
㉒
⑪
⑰
㉖
⑫
⑱
D–BOARD
①
⑤
㉛
⑰
⑫
㉑
㉟
A–BOARD
③
⑨
⑧
Panasonic
K1 / K2–BOARD
㉜
⑥
⑩
⑮
②
⑳
㉓
P2
G1 / G2–BOARD
Z1 / Z2–BOARD
⑭

X1, X2, K1, K2, W–BOARD / PARTS LOCATION



	Ref. No.	Part No.	Description
		MECHANICAL PARTS	
	1	EAB10106AL	DOME SPEAKER (LEFT)
	2	EAB10106AR	DOME SPEAKER (RIGHT)
	3	EASG12D123L2	SPEAKER
		ETCMBGC49-8	STOPPER (FOR TX-29P100X/XM)
		MBGC021SA	STOPPER (FOR TX-33P100X/XM/XA)
⚠	4	KDY4UH948F	DEFLECTION YOKE (FOR TX-29P100X/XM)
⚠	4	KDY4VH949F	DEFLECTION YOKE (FOR TX-33P100X/XM/XA)
⚠	5	M68LQL186X	PICTURE TUBE (FOR TX-29P100X/XM)
⚠	5	M79LQM185X	PICTURE TUBE (FOR TX-33P100XA)
⚠	5	M79LQM186X	PICTURE TUBE (FOR TX-33P100X/XM)
		TBLG3019	CUSHION RUBBER (FRONT)
		TBLG3020	CUSHION RUBBER (REAR)
	6	TBMA067	PANASONIC BADGE
⚠	7	TBMD397	MODEL NAME PLATE (FOR TX-29P100X)
⚠	7	TBMD411	MODEL NAME PLATE (FOR TX-29P100XM)
⚠	7	TBMD430	MODEL NAME PLATE (FOR TX-33P100X)
⚠	7	TBMD431	MODEL NAME PLATE (FOR TX-33P100XM/XA)
	8	TBXA20001	POWER BUTTON
	9	TEK6940	DOOR SWITCH
	10	TESA031	SPRING
	11	TES1603	COIL SPRING
		TES2249	SPRING
		TES6583	SPRING FOR TR
		THTA006Z	SCREW
	12	THT1062	SCREW
	13	TJB1726400	ADAPTOR (75 OHM)
	14	TKPA28402	TERMINAL DOOR
	15	TKPA28502	CONTROL DOOR
	16	TKPA29501	RAER TERMINAL FRAME
	17	TKRA14102	HANDLE
		TMK15943	INSULATOR
		TMME015	CLAMPER
		TMMJ031	CUSHION (RUBBER)
		TMMX027-1	STOPPER
	18	TMM15404-1	SPACER RING
		TMM15497-1	CLAMPER
		TMM16452	CLAMPER
		TMM16480-1	CLAMPER
		TMM16978	CLAMPER (FOR TX-33P100X/XM/XA)
	19	TMM27523	DY WEDGE
		TMM6428-1	CLAMPER
		TMM7464-2	CRAMPER
		TMM7468-1	CLAMPER
		TMM76416-1	CLAMPER
	20	TMWA014	FRONT BRACKET (FOR TX-29P100X/XM)
	20	TMWA015	FRONT BRACKET (FOR TX-33P100X/XM/XA)
	21	TMWJ012	LED HOLDER
	22	TMXA025	PRINT BOARD STOPPER
	23	TMXE015	BRACKET
	24	TNQE158	TRANSMITTER
		TPCA67605	CARTON BOX (FOR TX-29P100X/XM)
		TPCA68804	CARTON BOX (FOR TX-33P100X/XM/XA)
		TPDA0281	CUSHION (UPPER) (FOR TX-29P100X/XM)
		TPDA0283	CUSHION (UPPER) (FOR TX-33P100X/XM/XA)
		TPDA0282-1	CUSHION (BOTTOM) (FOR TX-29P100X/XM)
		TPDA0284	CUSHION (BOTTOM) (FOR TX-33P100X/XM/XA)
		TPDJ0028-1	BOTTOM CUSHION (FOR TX-29P100X/XM)
		TPDJ0029	BOTTOM CUSHION (FOR TX-33P100X/XM/XA)
		TPE114107-1	POLY BAG (FOR TX-29P100X/XM)
		TPE114108-1	SET COVER (FOR TX-33P100X/XM/XA)
		TPE114123	COVER (FOR TX-29P100X/XM)
		TPE114125	PROTECT COVER (FOR TX-33P100X/XM/XA)
		TQBC0110	INSTRUCTION BOOK(ENGLISH)
		TQBC0112	INSTRUCTION BOOK(ARABICA) (FOR TX-33P100XA)
		TQBC0113	INSTRUCTION BOOK(PERSIA) (FOR TX-33P100XA)
	25	TSM10032-3	MAGNET
	26	TSN63115-4	MAGNET
⚠	27	TSPA089	DEGAUSSING COIL (FOR TX-33P100X/XM/XA)
⚠	27	TSPA099	DEGAUSSING COIL (FOR TX-29P100X/XM)
	28	TSPF010-1	CORRECTION COIL
	29A	TSXA072	AC POWER CORD (FOR TX-29/33P100XM)
	29B	TSXA074	AC POWER CORD (FOR TX-29/33P100X)
	29C	TSXA075	AC POWER CORD (FOR TX-33P100XA)
	30	TTUA0242	REAR COVER (FOR TX-29P100X)
	30	TTUA0252	REAR COVER (FOR TX-29P100XM)
	30	TTUA0258	REAR COVER (FOR TX-33P100X)
	30	TTUA0259	REAR COVER (FOR TX-33P100XM/XA)
	31	TTYA0305-2	CABINET (FOR TX-29P100X/XM)
	31	TTYA0327-2	CABINET (FOR TX-33P100X/XM/XA)
	32	TUAA02101E	CHASSIS GUIDE
	33	TXAJS01EUC	TUNER CABLE
		XTB4+15A	SCREW
		XTB4+15AFZ	SCREW
		XTWT983G	SCREW
		XTW3+10T	SCREW
		XTW3+12T	SCREW
		XTW4+Z15D	SCREW
		XZBT6506	POLY BAG
⚠	34	ENV59D54J6	TUNER (TNR001)
⚠	35	ENG29503G	TUNER (TNR002)
	36	TJS2A8420	AC CONVERTER PLUG (FOR TC-33P100XA)

Replacement Parts List

Important Safety Notice

Components identified by ⚠ mark have special characteristics important for safety.
When replacing any of these components, use only manufacturer's specified parts.

RTL (Retention Time Limited)

Note : The marking (RTL) indicates that the Retention Time is Limited for this item. After the discontinuation of this assembly in production, the item will continue to be available for a specific period of time. The retention period of availability is dependant on the type of assembly, and in accordance with the laws governing part and product retention.
After the end of this period, the assembly will no longer be available.

Abbreviation of part name and description

1. Resistor

Example :

ERD25TJ104 C 100KOHM, J, 1/4W

C = Type, J = Allowance

Type	Allowance
C : Carbon	F : ±1%
F : Fuse	G: ±2%
M : Metal Oxide	J : ±5%
Metal Film	K: ±10%
S : Solid	M: ±20%
W : Wire Wound	

2. Capacitor

Example :

ECKF1H103ZF C 0.01UF, Z, 50V

C = Type, Z = Allowance

Type	Allowance
C : Ceramic	C: ±0.25pF
E : Electrolytic	D: ±0.5pF
P : Polyester	F : ±1pF
Polypropylene	G: ±3%
T : Tantalum	J : ±5%
	K: ±10%
	L : ±15%
	M: ±20%
	P : + 100%, - 0%
	Z : + 80%, - 20%

Ref. No.	Part No.	Description
	INTEGRATED CIRCUITS	
IC001	AN7812	LINEAR IC
IC002	SI-8090S	HYBRID IC
IC003	PQ30RV21A	LINEAR IC
IC004	SI-3033C	HYBRID IC
IC005	AN7808	LINEAR IC
IC006	SI-3050CA	HYBRID IC
IC007	SI-3050CA	HYBRID IC
IC052	SI-3050CA	HYBRID IC
IC053	AN7809	LINEAR IC
IC101	M52760SP	LINEAR IC
IC201	M52317SP	LINEAR IC
IC351	TDA6111Q	LINEAR IC
IC352	TDA6111Q	LINEAR IC
IC353	TDA6111Q	LINEAR IC
IC451	LA7845N	LINEAR IC
IC571	NJM4565L	LINEAR IC
IC572	AN6914	LINEAR IC
IC701	AN5422K	LINEAR IC
IC801	STR83145LF55	LINEAR IC
IC802	STRM6831AF04	LINEAR IC
IC803	MIP2810001TV	IC (ROGIC)
IC804	SE140N	LINEAR IC
IC1001	CXA1315M	LINEAR IC
IC1101	MN102L35GTL	MOS IC (16BIT)
IC1102	TVRJ214	ROM IC (EEPROM)
IC1104	AN78M05	LINEAR IC
IC1105	S-80843ALY-Z	LINEAR IC
IC1106	MC14066BF	MOS IC (LOGIC)
IC1300	SN74F04NS	MOS IC (TTL)
IC1301	VPC3215CB4TP	IC (CMOS GATE ARRAY)
IC1302	VPC3211AG10T	IC (CMOS GATE ARRAY)
IC1303	CXA1211M	LINEAR IC
IC1304	F432262PGJ	IC (LOGIC)
IC1305	ZA4035HR	MOS IC
IC1306	MB87F1720	IC (CMOS GATE ARRAY)
IC1307	SDA9255E	IC
IC1308	FJB007S	IC (CMOS GATE ARRAY)
IC1309	TDA9332HN1	LINEAR IC
IC2001	MSP3415DP0A1	MOS IC (S/LOGIC)
IC2251	AN5265	LINEAR IC
IC2301	TDA7481	LINEAR IC
IC2302	TDA7481	LINEAR IC
IC2303	LA4289	LINEAR IC
IC2304	NJM2059M	LINEAR IC
IC2305	NJM2059M	LINEAR IC
IC2401	BH3866AS	LINEAR IC
IC3001	CXA2069Q	LINEAR IC
IC3002	MM1021XS	LINEAR IC
IC3003	MM1021XS	LINEAR IC
IC3501	M52055FP	LINEAR IC
IC3502S	TJS112030	28PIN IC SOCKET
IC3502	TVRJ246	ROM IC
IC3503	24LC08BIPA22	MOS IC (EEP ROM)
IC3504	SDA5450C47GE	IC
IC4001	TC4053BF	MOS IC (CMOS S/LOGIC)
IC4002	TC4053BF	MOS IC (CMOS S/LOGIC)
IC4003	M52346SP	LINEAR IC
IC4006	SN74HC00NS	MOS IC (CMOS S/LOGIC)
IC4801	PUB4301	TRANSISTOR ARRAY
IC4802	AN6564	LINEAR IC
	TRANSISTORS	
Q001	2SD601A	TRANSISTOR
Q101	2SD601A	TRANSISTOR
Q102	2SC2188	TRANSISTOR
Q103	2SD601A	TRANSISTOR
Q104	2SC1047	TRANSISTOR
Q150	2SD601A	TRANSISTOR
Q151	2SD601A	TRANSISTOR
Q160	2SD601A	TRANSISTOR
Q161	2SD601A	TRANSISTOR
Q162	2SD601A	TRANSISTOR
Q163	2SB709A	TRANSISTOR
Q306	2SD601A	TRANSISTOR
Q369	2SA1309A	TRANSISTOR
Q452	2SD601A	TRANSISTOR
Q453	2SD601A	TRANSISTOR
Q454	2SD601A	TRANSISTOR
Q501	2SD601A	TRANSISTOR
Q502	2SC3311A	TRANSISTOR
Q503	2SC2925S	TRANSISTOR
Q504	2SC5144	TRANSISTOR
Q506	2SC1473A	TRANSISTOR
Q571	2SC3311A	TRANSISTOR
Q572	2SK2538	FET
Q601	2SD601A	TRANSISTOR
Q602	2SD601A	TRANSISTOR
Q603	2SD601A	TRANSISTOR
Q604	2SD601A	TRANSISTOR
Q605	2SD601A	TRANSISTOR
Q701	2SC3311A	TRANSISTOR
Q703	2SC3311A	TRANSISTOR
Q704	2SC3311A	TRANSISTOR
Q706	2SC3311A	TRANSISTOR
Q708	2SC3311A	TRANSISTOR
Q709	2SK1006	FET
Q710	2SC4572	TRANSISTOR
Q711	2SC3311A	TRANSISTOR
Q801	2SA1309A	TRANSISTOR
Q802	2SD1424	TRANSISTOR
Q805	2SC3311A	TRANSISTOR
Q806	2SA1018	TRANSISTOR
Q807	2SA1309A	TRANSISTOR
Q902	2SC3311A	TRANSISTOR
Q903	2SC3311A	TRANSISTOR
Q908	2SC3311A	TRANSISTOR
Q951	2SA720-R	TRANSISTOR
Q952	2SC1318-Q	TRANSISTOR
Q953	2SC1318-Q	TRANSISTOR
Q954	2SA720-R	TRANSISTOR
Q955	2SA1535A	TRANSISTOR
Q956	2SC3944A	TRANSISTOR
Q1003	2SC3311A	TRANSISTOR
Q1101	2SD601A	TRANSISTOR
Q1102	2SD601A	TRANSISTOR
Q1104	2SD601A	TRANSISTOR
Q1105	2SD601A	TRANSISTOR
Q1114	2SD601A	TRANSISTOR
Q1300	2SB709A	TRANSISTOR
Q1301	2SB709A	TRANSISTOR
Q1302	2SB709A	TRANSISTOR
Q1303	2SB709A	TRANSISTOR
Q1304	2SB709A	TRANSISTOR
Q1305	2SB709A	TRANSISTOR
Q1306	2SB709A	TRANSISTOR
Q1307	2SB709A	TRANSISTOR
Q1308	2SB709A	TRANSISTOR
Q1309	2SB709A	TRANSISTOR
Q1310	2SD601A	TRANSISTOR
Q1311	2SB709A	TRANSISTOR
Q1312	2SD601A	TRANSISTOR

Ref. No.	Part No.	Description
Q1313	2SB709A	TRANSISTOR
Q1314	2SB709A	TRANSISTOR
Q1315	2SB709A	TRANSISTOR
Q1316	2SD601A	TRANSISTOR
Q1317	2SB709A	TRANSISTOR
Q1318	2SB709A	TRANSISTOR
Q1319	2SB709A	TRANSISTOR
Q1321	2SD601A	TRANSISTOR
Q1327	2SD601A	TRANSISTOR
Q1328	2SD601A	TRANSISTOR
Q1329	2SD601A	TRANSISTOR
Q1330	2SD601A	TRANSISTOR
Q1331	2SD601A	TRANSISTOR
Q1332	2SB709A	TRANSISTOR
Q1333	2SB709A	TRANSISTOR
Q1334	2SB709A	TRANSISTOR
Q1336	2SD601A	TRANSISTOR
Q1337	2SB709A	TRANSISTOR
Q2003	2SD601A	TRANSISTOR
Q2004	2SD601A	TRANSISTOR
Q2252	2SB709A	TRANSISTOR
Q2303	2SB709A	TRANSISTOR
Q2304	2SD601A	TRANSISTOR
Q2305	2SD601A	TRANSISTOR
Q2306	2SB709A	TRANSISTOR
Q2307	2SD601A	TRANSISTOR
Q2308	2SD601A	TRANSISTOR
Q2309	2SD601A	TRANSISTOR
Q2310	2SD601A	TRANSISTOR
Q2402	2SD601A	TRANSISTOR
Q2404	2SD601A	TRANSISTOR
Q2405	2SD601A	TRANSISTOR
Q2406	2SD601A	TRANSISTOR
Q3001	2SD601A	TRANSISTOR
Q3002	2SD601A	TRANSISTOR
Q3003	2SC3311A	TRANSISTOR
Q3004	2SD601A	TRANSISTOR
Q3005	2SD601A	TRANSISTOR
Q3006	2SC3311A	TRANSISTOR
Q3008	2SD601A	TRANSISTOR
Q3009	2SD601A	TRANSISTOR
Q3012	2SB709A	TRANSISTOR
Q3551	2SD601A	TRANSISTOR
Q3552	2SD601A	TRANSISTOR
Q3553	2SB709A	TRANSISTOR
Q3556	2SD601A	TRANSISTOR
Q4003	2SD601A	TRANSISTOR
Q4004	2SD601A	TRANSISTOR
	DIODES	
D001	TVSRK14	DIODE
D002	MA3075M	ZENER DIODE
D003	MA3075M	ZENER DIODE
D004	MA3075M	ZENER DIODE
D005	MA3150H	ZENER DIODE
D006	MA3150H	ZENER DIODE
D007	MA152K	DIODE
D052	MA3075M	ZENER DIODE
D120	MA73	DIODE
D351	ERA15-04	DIODE
D352	ERA15-04	DIODE
D354	TL431CLP	IC
D355	ERA15-04	DIODE
D356	ERA15-04	DIODE
D358	MA165	DIODE

Ref. No.	Part No.	Description
D360	MA165	DIODE
D361	MA165	DIODE
D362	MA165	DIODE
D363	MA165	DIODE
D364	MA4130M	ZENER DIODE
D365	MA4130M	ZENER DIODE
D366	MA4130M	ZENER DIODE
D383	ERA15-04	DIODE
D386	ERA15-04	DIODE
D389	ERA15-04	DIODE
D402	MA152K	DIODE
D403	MA152K	DIODE
D404	EU02A	DIODE
D405	MA3082L	ZENER DIODE
D410	MA3240	ZENER DIODE
D413	MA152K	DIODE
D501	MA152K	DIODE
D502	MA166	DIODE
D503	RH3G	DIODE
D504	MA165	DIODE
D505	MA165	DIODE
D506	MA4091M	ZENER DIODE
D507	MA29T--A	DIODE
D508	MA167	DIODE
D509	MA165	DIODE
D510	MA165	DIODE
D511	MA165	DIODE
D512	EU02	DIODE
D513	MA4360M	ZENER DIODE
D514	MA165	DIODE
D515	EU02	DIODE
D516	EU02	DIODE
D517	MA167	DIODE
D518	EU01N	DIODE
D519	MA165	DIODE
D520	MA165	DIODE
D521	MA165	DIODE
D522	AU02	DIODE
D523	FMV-3GU	DIODE
D524	MA165	DIODE
D525	MA165	DIODE
D526	MA165	DIODE
D527	AK04	DIODE
D572	MA29A	DIODE
D573	MA29A	DIODE
D574	AU02	DIODE
D703	MA4091M	ZENER DIODE
D704	MA165	DIODE
D705	ERA22-06	DIODE
D706	ERA22-06	DIODE
D708	MA165	DIODE
D710	RP1H	DIODE
D802	TRPW5B0N120D	POSISTOR
D803	D4SB80Z	DIODE
D804	TRPW5B0N120D	POSISTOR
D805	TF561SA	THYRISTOR
D806	ERC13-08	DIODE
D807	ERA15-04	DIODE
D808	MA4180H	ZENER DIODE
D809	EU02	DIODE
D810	ERA15-01	DIODE
D811	ERZC10DK621	VARISTOR
D812	MA2240B	ZENER DIODE
D813	MA4104J	ZENER DIODE
D814	MA2082-A	ZENER DIODE

Ref. No.	Part No.	Description
D816	ERA15-01	DIODE
D817	ERA22-10	DIODE
D818	EU2YX	DIODE
D819	MA167	DIODE
D820	ERA22-10	DIODE
⚠ D821	PC123FY2	PHOTO COUPLER
⚠ D822	PC123FY2	PHOTO COUPLER
D823	MA2082-A	ZENER DIODE
D824	ERA22-04	DIODE
D825	MA165	DIODE
D826	MA2082-A	ZENER DIODE
D827	EU02	DIODE
D828	MA167	DIODE
D829	MA4082M	ZENER DIODE
D830	MA165	DIODE
⚠ D831	PC123FY2	PHOTO COUPLER
D832	FML22S	DIODE
D833	MA165	DIODE
D834	FMGG2CS	DIODE
D835	FMGG26S	DIODE
D836	EU02	DIODE
D837	MA167	DIODE
D838	MA4104J	ZENER DIODE
D839	FMB-26L	DIODE
D840	FML22S	DIODE
D841	MA2082-A	ZENER DIODE
D842	MA165	DIODE
D843	MA4104J	ZENER DIODE
D844	EM1C	DIODE
D845	RY24	DIODE
D846	TVSSR2K	DIODE
D848	ERA15-04	DIODE
D849	ERA15-04	DIODE
D850	MA165	DIODE
D882	ERZV10V621P2	VARISTOR
D883	ERZV10V621P2	VARISTOR
D953	TVSSR2KN	DIODE
D961	MA165	DIODE
D1004	LNH101WHAHFS	LED
D1005	MA4051L	ZENER DIODE
D1006	MA165	DIODE
D1007	MA165	DIODE
D1101	MA3056M	ZENER DIODE
D1102	MA3056M	ZENER DIODE
D1103	MA152K	DIODE
D1104	MA152K	DIODE
D1105	MA3075M	ZENER DIODE
D1106	MA152K	DIODE
D1300	MA152K	DIODE
D1301	MA152K	DIODE
D1302	MA3075M	ZENER DIODE
D1303	MA3056M	ZENER DIODE
D1304	MA152K	DIODE
D1305	MA721	DIODE
D1306	MA3062	ZENER DIODE
D1307	MA152K	DIODE
D1308	MA152K	DIODE
D1309	MA152K	DIODE
D1311	MA704A	DIODE
D1312	MA3270H	ZENER DIODE
D1314	MA152K	DIODE
D1319	MA152K	DIODE
D2252	MA165	DIODE
D2301	MA3056M	ZENER DIODE
D2302	MA152K	DIODE

Ref. No.	Part No.	Description
D2303	MA152K	DIODE
D2304	MA152K	DIODE
D2307	MA152K	DIODE
D2308	MA3082M	ZENER DIODE
D2311	MA3082M	ZENER DIODE
D2312	MA152K	DIODE
D2313	MA152K	DIODE
D2401	MA152K	DIODE
D2501	MA4068M	ZENER DIODE
D2504	MA4068M	ZENER DIODE
D3001	MA3180M	ZENER DIODE
D3002	MA3140M	ZENER DIODE
D3003	MA3180M	ZENER DIODE
D3004	MA3140M	ZENER DIODE
D3005	MA3140M	ZENER DIODE
D3006	MA3140M	ZENER DIODE
D3007	MA3140M	ZENER DIODE
D3008	MA3140M	ZENER DIODE
D3315	TVSRM26	DIODE
D3316	TVSRM26	DIODE
D3503	MA152K	DIODE
D3553	MA3082M	ZENER DIODE
D4002	MA152K	DIODE
D4003	MA152K	DIODE
	COILS	
L001	TLTACC100J	PEAKING COIL
L002	TLTACC220J	PEAKING COIL
L003	TLTACC221J	PEAKING COIL
L004	TLTACC221J	PEAKING COIL
L005	EXCELDR25C	BEAD CHOKE
L006	EXCELDR25C	BEAD CHOKE
L007	TALL08N100KA	INDUCTION COIL
L008	TALL08N101KA	INDUCTION COIL
L009	ELEXHR56MA	PEAKING COIL
L010	TLTACC4R7J	PEAKING COIL
L011	TALL08N101KA	INDUCTION COIL
L012	TALL08N101KA	INDUCTION COIL
L014	EXCELSA35	BEAD CHOKE
L015	EXCELSA35	BEAD CHOKE
L016	TLUADTB681K	PEAKING COIL
L020	TALL08N100KA	INDUCTION COIL
L021	TALL08N100KA	INDUCTION COIL
L051	TALL08N101KA	INDUCTION COIL
L055	TLTACC221J	PEAKING COIL
L056	TLTACC221J	PEAKING COIL
L057	TLTACC100J	PEAKING COIL
L058	TLTACC100J	PEAKING COIL
L059	TLTACC2R2K	PEAKING COIL
L060	TLTACC2R2K	PEAKING COIL
L106	EQV7EN206B	INDUCTOR COIL
L120	TLTACCR56K	PEAKING COIL
L121	TLTACC8R2J	PEAKING COIL
L130	TLTACC8R2J	PEAKING COIL
L131	TLTACC8R2J	PEAKING COIL
L150	TLTACC151J	PEAKING COIL
L181	TLTACC100J	PEAKING COIL
L182	TLTACC150J	PEAKING COIL
L183	TLTACC150J	PEAKING COIL
L184	TLTACC220J	PEAKING COIL
L351	EXCELSA24	BEAD CHOKE
L353	EXCELSA24	BEAD CHOKE
L381	TLTACC150J	PEAKING COIL
L382	TLTACC150J	PEAKING COIL
L383	TLTACC150J	PEAKING COIL
L451	EXCELSA35	BEAD CHOKE

Ref. No.	Part No.	Description
L501	TALL08N100KA	INDUCTION COIL
L502	EXCELSA35	BEAD CHOKE
L505	EXCELDR25C	BEAD CHOKE
L506	EXCELDR25C	BEAD CHOKE
L507	EXCELDR25C	BEAD CHOKE
L508	EXCELDR35C	BEAD CHOKE
L510	EXCELDR35C	BEAD CHOKE
L511	ELEIE332KA	CHOKE COIL
L516	EXCELDR35C	BEAD CHOKE
L517	EXCELDR35C	BEAD CHOKE
L518	ELC18B331E	CHOKE COIL
L519	EXCELSA35	BEAD CHOKE
L520	EXCELDR35C	BEAD CHOKE
L523	ELHKLB823B	HORIZONTAL COIL
L524	ELHKLB054B	HORIZONTAL COIL
L525	TALL13N103JB	INDUCTION COIL
L527	ELC18B801L	CHOKE COIL
L528	EXCELSA35	BEAD CHOKE
L529	EXCELSA39	BEAD CHOKE
L530	EXCELDR35C	BEAD CHOKE
L570	ELESE100JA	PEAKING COIL
L571	ELESE100JA	PEAKING COIL
L572	EXCELDR25C	BEAD CHOKE
L573	EXCELDR25C	BEAD CHOKE
L574	EXCELSA35	BEAD CHOKE
L575	ELC18B272L	CHOKE COIL
L576	EXCELSA39E	BEAD CHOKE
L577	EXCELDR35C	BEAD CHOKE
L578	EXCELDR35C	BEAD CHOKE
L579	ELESE100JA	PEAKING COIL
L601	TALL08N101KA	INDUCTION COIL
L602	TALL08N101KA	INDUCTION COIL
L603	TALL08N101KA	INDUCTION COIL
L605	TALL08N101KA	INDUCTION COIL
L606	TALL08N101KA	INDUCTION COIL
L607	EXCELDR25C	BEAD CHOKE
L608	EXCELDR25C	BEAD CHOKE
L609	EXCELDR25C	BEAD CHOKE
L701	EXCELDR25C	BEAD CHOKE
L702	ELESE470JA	PEAKING COIL
L703	TLH15422R	CHOKE COIL
L802	EXCELSA39	BEAD CHOKE
L803	EXCELSA39	BEAD CHOKE
L805	EXCELSA35	BEAD CHOKE
L806	EXCELDR25C	BEAD CHOKE
L807	EXCELDR25C	BEAD CHOKE
L808	EXCELSA35	BEAD CHOKE
L809	EXCELDR25C	BEAD CHOKE
L810	EXCELDR25C	BEAD CHOKE
L811	EXCELSA39	BEAD CHOKE
L814	EXCELSA35	BEAD CHOKE
L815	EXCELSA35	BEAD CHOKE
L816	EXCELSA35	BEAD CHOKE
L817	EXCELSA35	BEAD CHOKE
L818	EXCELSA35	BEAD CHOKE
L819	TALL08N100KA	INDUCTION COIL
L820	EXCELSA35	BEAD CHOKE
L821	TLTACC100J	PEAKING COIL
L822	TALL08N470KA	INDUCTION COIL
L823	EXCELDR25C	BEAD CHOKE
L824	TALL08N150KA	INDUCTION COIL
L825	TALL08N100KA	INDUCTION COIL
L826	EXCELSA35	BEAD CHOKE
L828	EXCELSA35	BEAD CHOKE
L829	EXCELSA35	BEAD CHOKE
L830	TALL08N100KA	INDUCTION COIL

Ref. No.	Part No.	Description
L831	EXCELSA35	BEAD CHOKE
⚠ L887	ELF18D856F	LINE FILTER
L888	EXCELSA35	BEAD CHOKE
⚠ L889	ELF18D856F	LINE FILTER
⚠ L890	ELF18D856F	LINE FILTER
⚠ L892	ELF18D850X	LINE FILTER
L904	TLTACC560J	PEAKING COIL
L953	EXCELSA35	BEAD CHOKE
L954	EXCELSA35	BEAD CHOKE
L956	EXCELSA35	BEAD CHOKE
L1001	EXCELSA35	BEAD CHOKE
L1101	TLTACC100J	PEAKING COIL
L1103	TLTACC100J	PEAKING COIL
L1104	TLTACC100J	PEAKING COIL
L1105	TLTACC100J	PEAKING COIL
L1106	TLTACC100J	PEAKING COIL
L1108	TLTACC100J	PEAKING COIL
L1109	TLTACC100J	PEAKING COIL
L1111	TLTACC100J	PEAKING COIL
L1112	ERDS2TC0	C 0 OHM 1/4W
L1113	ELJPA1R0MB	INDUCTION COIL
L1115	TLTACC4R7J	PEAKING COIL
L1116	TLTACC4R7J	PEAKING COIL
L1118	TLTACC4R7J	PEAKING COIL
L1119	TLTACC4R7J	PEAKING COIL
L1120	TLTACC4R7J	PEAKING COIL
L1121	TLTACC4R7J	PEAKING COIL
L1122	TLTACC100J	PEAKING COIL
L1123	ELJPA100KB	CHIP INDUCTOR
L1124	TLTACC100J	PEAKING COIL
L1125	TLTACC4R7J	PEAKING COIL
L1126	TLTACC4R7J	PEAKING COIL
L1127	TLTACC4R7J	PEAKING COIL
L1128	TLTACC4R7J	PEAKING COIL
L1129	EXCELSA35	BEAD CHOKE
L1131	ELJPA100KB	CHIP INDUCTOR
L1132	ELJPA100KB	CHIP INDUCTOR
L1133	ELJPA100KB	CHIP INDUCTOR
L1134	ELJPA100KB	CHIP INDUCTOR
L1136	TLTACC100J	PEAKING COIL
L1137	TLTACC100J	PEAKING COIL
L1138	ELJPA100KB	CHIP INDUCTOR
L1139	ELJPA100KB	CHIP INDUCTOR
L1140	ELJPA100KB	CHIP INDUCTOR
L1141	ELJPA100KB	CHIP INDUCTOR
L1142	ELJPA100KB	CHIP INDUCTOR
L1143	TLTACC100J	PEAKING COIL
L1144	ELJPA100KB	CHIP INDUCTOR
L1145	ELJPA100KB	CHIP INDUCTOR
L1146	ELJPA100KB	CHIP INDUCTOR
L1147	ELJPA100KB	CHIP INDUCTOR
L1148	ELJPA100KB	CHIP INDUCTOR
L1149	ELJPA100KB	CHIP INDUCTOR
L1150	ELJPA100KB	CHIP INDUCTOR
L1151	ELJPA100KB	CHIP INDUCTOR
L1152	ELJPA100KB	CHIP INDUCTOR
L1153	ELJPA100KB	CHIP INDUCTOR
L1154	ELJPA100KB	CHIP INDUCTOR
L1155	ELJPA100KB	CHIP INDUCTOR
L1156	ELJPA100KB	CHIP INDUCTOR
L1157	ELJPA100KB	CHIP INDUCTOR
L1302	ELJFA1R8KF	CHIP INDUCTOR
L1303	ELJFA3R3JB	CHIP INDUCTOR
L1304	ELJPA100KB	CHIP INDUCTOR
L1306	ELJPA100KB	CHIP INDUCTOR

Ref. No.	Part No.	Description
L1307	ELJNA1R8JB	INDUCTION COIL
L1308	ELJFA3R3JB	CHIP INDUCTOR
L1310	ELJPA100KB	CHIP INDUCTOR
L1311	ELJPA100KB	CHIP INDUCTOR
L1312	ELJPA100KB	CHIP INDUCTOR
L1313	ELJPA100KB	CHIP INDUCTOR
L1314	ELJPA100KB	CHIP INDUCTOR
L1315	ELJPA100KB	CHIP INDUCTOR
L1319	ELJPA100KB	CHIP INDUCTOR
L1320	ELJPA100KB	CHIP INDUCTOR
L1324	ELJPA100KB	CHIP INDUCTOR
L1325	ELJPA100KB	CHIP INDUCTOR
L1326	ELJPA100KB	CHIP INDUCTOR
L1327	ELJPA100KB	CHIP INDUCTOR
L1328	ELJPA100KB	CHIP INDUCTOR
L2001	TLTACC4R7J	PEAKING COIL
L2002	TLTACC100J	PEAKING COIL
L2003	EXCELDR35C	BEAD CHOKE
L2005	TLTACC6R8J	PEAKING COIL
L2252	EXCELDR35C	BEAD CHOKE
L2256	TLS159054E	NETWORK COIL
L2257	TLS159054E	NETWORK COIL
L2278	EXCELSA35	BEAD CHOKE
L2301	TALL08N100KA	INDUCTION COIL
L2302	TALL08N100KA	INDUCTION COIL
L2303	TALL08N100KA	INDUCTION COIL
L2304	TALL08N100KA	INDUCTION COIL
L2305	TALL08N100KA	INDUCTION COIL
L2307	TALL08N100KA	INDUCTION COIL
L2308	TALL08N100KA	INDUCTION COIL
L2310	TALL08N100KA	INDUCTION COIL
L2311	TALL08N270KA	INDUCTION COIL
L2312	TAL10RP390LB	INDUCTION COIL
L2313	TALL08N270KA	INDUCTION COIL
L2314	TAL10RP390LB	INDUCTION COIL
L2315	TLTACC100J	PEAKING COIL
L2316	TALL08N100KA	INDUCTION COIL
L2322	EXCELSA35	BEAD CHOKE
L2326	TALL08N100KA	INDUCTION COIL
L2331	TALL08N100KA	INDUCTION COIL
L2334	EXCELSA35	BEAD CHOKE
L2341	TALL08N100KA	INDUCTION COIL
L2342	TALL08N100KA	INDUCTION COIL
L2401	TLTACC100J	PEAKING COIL
L2402	EXCELSA35	BEAD CHOKE
L2523	EXCELSA35	BEAD CHOKE
L2524	EXCELSA35	BEAD CHOKE
L2525	EXCELSA35	BEAD CHOKE
L2526	EXCELSA35	BEAD CHOKE
L2527	EXCELSA35	BEAD CHOKE
L2528	EXCELSA35	BEAD CHOKE
L2559	TLTACC100J	PEAKING COIL
L3001	TLTACC100J	PEAKING COIL
L3004	TLTACC100J	PEAKING COIL
L3005	TLTACC100J	PEAKING COIL
L3006	TLTACC1R5K	PEAKING COIL
L3007	TLTACC1R5K	PEAKING COIL
L3010	TLTACC1R5K	PEAKING COIL
L3011	TLTACC1R5K	PEAKING COIL
L3012	TLTACC1R5K	PEAKING COIL
L3013	TLTACC1R5K	PEAKING COIL
L3014	TLTACC1R5K	PEAKING COIL
L3015	TLTACC1R5K	PEAKING COIL
L3504	EXCELDR35C	BEAD CHOKE
L3551	EXCELDR25C	BEAD CHOKE

Ref. No.	Part No.	Description
L3557	EXCELDR35C	BEAD CHOKE
L3558	EXCELDR35C	BEAD CHOKE
L3559	EXCELDR25C	BEAD CHOKE
L3560	TLTACC101K	PEAKING COIL
L3561	EXCELDR35C	BEAD CHOKE
L3562	EXCELDR25C	BEAD CHOKE
L3563	TLTACC101K	PEAKING COIL
L3565	TLTACC101K	PEAKING COIL
L3567	EXCELDR35C	BEAD CHOKE
L3568	TLTACC100K	PEAKING COIL
L3569	TLTACC100J	PEAKING COIL
L3570	TLTACC100J	PEAKING COIL
L3571	TLTACC100J	PEAKING COIL
L3574	EXCELDR25C	BEAD CHOKE
L3575	EXCELDR25C	BEAD CHOKE
L3576	EXCELDR25C	BEAD CHOKE
L4002	TLTACC100J	PEAKING COIL
L4003	TLTACC100J	PEAKING COIL
L4801	EXCELSA35	BEAD CHOKE
LC1300	TAXA0024	LC FILTER
LC1301	TAXA0024	LC FILTER
LC1302	TAXA0024	LC FILTER
LC1303	TAXA0024	LC FILTER
LC1304	TAXA0024	LC FILTER
LC1305	TAXA0024	LC FILTER
LC1306	TAXA0024	LC FILTER
LC1307	TAXA0024	LC FILTER
LC1308	TAXA0024	LC FILTER
LC1309	TAXA0024	LC FILTER
LC1310	TAXA0024	LC FILTER
LC1311	TAXA0024	LC FILTER
LC1312	TAXA0024	LC FILTER
LC1313	TAXA0024	LC FILTER
LC1314	TAXA0024	LC FILTER
LC1315	TAXA0024	LC FILTER
LC1316	TAXA0024	LC FILTER
LC1317	TAXA0024	LC FILTER
LC1318	TAXA0024	LC FILTER
LC1319	TAXA0024	LC FILTER
LC1320	TAXA0024	LC FILTER
LC1321	TAXA0024	LC FILTER
LC1323	TAXA0024	LC FILTER
LC1324	TAX10075	EMI FILTER
LC1325	TAX10075	EMI FILTER
LC1326	TAXA0024	LC FILTER
LC1328	TAX10075	EMI FILTER
LC1331	TAX10075	EMI FILTER
LC1333	TAX10075	EMI FILTER
LC1334	TAX10075	EMI FILTER
LC1336	TAX10075	EMI FILTER
LC1337	TAX10075	EMI FILTER
LC1338	TAX10075	EMI FILTER
LC1340	TAXA0024	LC FILTER
LC1341	TAXA0024	LC FILTER
LC1342	TAXA0024	LC FILTER
LC1343	TAXA0024	LC FILTER
LC1344	TAXA0024	LC FILTER
	TRANSFORMERS	
T501	ETH19Y187AY	H DRIVE TRANS
⚠ T551	KFT4AV213F (FOR TX–29P100X/XM)	FLYBACK TRANS
⚠ T551	KFT5AV214F (FOR TX–33P100X/XM/XA)	FLYBACK TRANS
T701	ETF18L37B	OUT PUT TRANS
⚠ T801	ETS19AB186AG	SWITCHING TRANS

Ref. No.	Part No.	Description			
⚠ T802	ETS49AH1Z6AD	SWITCHING TRANS			
	RESISTORS				
R001	ERJ6GEYJ223	M	22KOHM	J	1/10W
R003	ERJ6GEYJ103	M	10KOHM	J	1/10W
R004	ERJ6GEYJ183	M	18KOHM	J	1/10W
R005	ERJ6GEYJ222	M	2.2KOHM	J	1/10W
R007	ERDS1FJ270	C	27 OHM	J	1/2W
R009	ERJ6GEYJ223	M	22KOHM	J	1/10W
R011	ER0S2CKF8250	M	825 OHM	F	1/4W
R012	ER0S2CKF3000	M	300 OHM	F	1/4W
R013	ER0S2CKF2201	M	2.2KOHM	F	1/4W
R014	ER0S2CKF1202	M	12KOHM	F	1/4W
R019	ER0S2CKF39R0	M	39 OHM	F	1/4W
R020	ER0S2CKF1201	M	1.2KOHM	F	1/4W
R030	ERJ6ENF39R0	M	39 OHM		1/10W
R031	ERJ6ENF1201	M	1.2KOHM		1/10W
R050	ERJ6GEYJ103	M	10KOHM	J	1/10W
R053	ER0S2CKF39R0	M	39 OHM	F	1/4W
R059	ER0S2CKF1201	M	1.2KOHM	F	1/4W
R111	ERJ6GEYJ224	M	220KOHM	J	1/10W
R112	ERJ6GEYJ123	M	12KOHM	J	1/10W
R113	ERJ6GEYJ473	M	47KOHM	J	1/10W
R114	ERJ6GEYJ122	M	1.2KOHM	J	1/10W
R115	ERJ6GEYJ222	M	2.2KOHM	J	1/10W
R116	ERJ6GEYJ222	M	2.2KOHM	J	1/10W
R117	ERJ6GEYJ682	M	6.8KOHM	J	1/10W
R118	ERJ6GEYJ103	M	10KOHM	J	1/10W
R119	ERJ6GEYJ102	M	1KOHM	J	1/10W
R120	ERJ6GEYJ680	M	68 OHM	J	1/10W
R121	ERJ6GEYJ122	M	1.2KOHM	J	1/10W
R122	ERJ6GEYJ470	M	47 OHM	J	1/10W
R123	ERJ6GEYJ472	M	4.7KOHM	J	1/10W
R124	ERJ6GEYJ122	M	1.2KOHM	J	1/10W
R130	ERJ6GEYJ391	M	390 OHM	J	1/10W
R131	ERJ6GEYJ471	M	470 OHM	J	1/10W
R132	ERJ6GEYJ121	M	120 OHM	J	1/10W
R133	ERJ6GEYJ470	M	47 OHM	J	1/10W
R134	ERJ6GEYJ103	M	10KOHM	J	1/10W
R135	ERJ6GEYJ332	M	3.3KOHM	J	1/10W
R136	ERJ6GEYJ102	M	1KOHM	J	1/10W
R137	ERJ6GEYJ103	M	10KOHM	J	1/10W
R138	ERJ6GEYJ682	M	6.8KOHM	J	1/10W
R149	ERJ6GEYJ101	M	100 OHM	J	1/10W
R152	ERJ6GEYJ102	M	1KOHM	J	1/10W
R154	ERJ6GEYJ331	M	330 OHM	J	1/10W
R155	ERJ6GEYJ101	M	100 OHM	J	1/10W
R156	ERJ6GEYJ333	M	33KOHM	J	1/10W
R157	ERJ6GEYJ472	M	4.7KOHM	J	1/10W
R158	ERJ6GEYJ272	M	2.7KOHM	J	1/10W
R160	ERJ6GEYJ224	M	220KOHM	J	1/10W
R161	ERJ6GEYJ680	M	68 OHM	J	1/10W
R163	ERJ6GEYJ271	M	270 OHM	J	1/10W
R164	ERJ6GEYJ271	M	270 OHM	J	1/10W
R165	ERJ6GEYJ271	M	270 OHM	J	1/10W
R166	ERJ6GEYJ122	M	1.2KOHM	J	1/10W
R167	ERJ6GEYJ221	M	220 OHM	J	1/10W
R168	ERJ6GEYJ103	M	10KOHM	J	1/10W
R169	ERJ6GEYJ473	M	47KOHM	J	1/10W
R170	ERJ6GEYJ563	M	56KOHM	J	1/10W
R171	ERJ6GEYJ333	M	33KOHM	J	1/10W
R176	ERJ6GEYJ104	M	100KOHM	J	1/10W
R177	ERJ6GEYJ124	M	120KOHM	J	1/10W
R178	TAV1026B102	VARIABLE RESISTOR			
R180	ERJ6ENF2200	M	220 OHM		1/10W
R181	ERJ6ENF3300	M	330 OHM		1/10W

Ref. No.	Part No.	Description			
R182	ERJ6ENF3300	M	330 OHM		1/10W
R183	ERJ6ENF5600	M	560 OHM		1/10W
R184	ERJ6GEYJ681	M	680 OHM	J	1/10W
R186	ERJ6GEYJ102	M	1KOHM	J	1/10W
R187	ERJ6ENF1001	M	1KOHM		1/10W
R188	ERJ6GEYJ271	M	270 OHM	J	1/10W
R189	ERJ6GEYJ101	M	100 OHM	J	1/10W
R193	ERJ6GEYJ101	M	100 OHM	J	1/10W
R194	ERJ6GEYJ101	M	100 OHM	J	1/10W
R332	ERJ6GEYJ222	M	2.2KOHM	J	1/10W
R333	ERJ6GEY0R00	M	0 OHM	J	1/10W
R334	ERJ6GEYJ332	M	3.3KOHM	J	1/10W
R351	ERDS2TJ181	C	180 OHM	J	1/4W
R352	ER0S2CKF1801	M	1.8KOHM	F	1/4W
R353	ER0S2CKF1271	M	1.27KOHM	F	1/4W
R354	ERG3FJS823D	M	82KOHM	J	3W
R355	ERDS2TJ181	C	180 OHM	J	1/4W
R356	ERDS2TJ822	C	8.2KOHM	J	1/4W
R357	ERC12GK561	S	560 OHM	K	1/2W
R360	ERDS2TJ181	C	180 OHM	J	1/4W
R361	ER0S2CKF1801	M	1.8KOHM	F	1/4W
R362	ERG3FJS823D	M	82KOHM	J	3W
R363	ER0S2CKF1271	M	1.27KOHM	F	1/4W
R364	ERDS2TJ181	C	180 OHM	J	1/4W
R365	ERDS2TJ822	C	8.2KOHM	J	1/4W
R366	ERC12GK561	S	560 OHM	K	1/2W
R370	ERDS2TJ181	C	180 OHM	J	1/4W
R371	ER0S2CKF1801	M	1.8KOHM	F	1/4W
R372	ER0S2CKF1271	M	1.27KOHM	F	1/4W
R373	ERG3FJS823D	M	82KOHM	J	3W
R374	ERDS2TJ181	C	180 OHM	J	1/4W
R375	ERDS2TJ822	C	8.2KOHM	J	1/4W
R376	ERC12GK561	S	560 OHM	K	1/2W
R382	ERDS2TJ103	C	10KOHM	J	1/4W
R386	ERDS2TJ562	C	5.6KOHM	J	1/4W
R387	ERDS1TJ471	C	470 OHM	J	1/2W
R401	ERDS2TJ272	C	2.7KOHM	J	1/4W
R402	ERDS2TJ331	C	330 OHM	J	1/4W
R403	ERJ6GEYJ102	M	1KOHM	J	1/10W
R404	ERJ6GEYJ224	M	220KOHM	J	1/10W
R416	ERJ6GEYJ123	M	12KOHM	J	1/10W
R418	ERJ6GEYJ473	M	47KOHM	J	1/10W
R419	ERG3FJS471D	M	470 OHM	J	3W
R420	ERJ6GEYJ563	M	56KOHM	J	1/10W
R429	ERJ6GEYJ562	M	5.6KOHM	J	1/10W
R430	ERDS2TJ103	C	10KOHM	J	1/4W
R438	ERJ6GEYJ103	M	10KOHM	J	1/10W
R439	ERJ6GEYJ682	M	6.8KOHM	J	1/10W
R441	ERDS2TJ393	C	39KOHM	J	1/4W
R442	ERJ6GEYJ123	M	12KOHM	J	1/10W
R451	ERDS1TJ3R3	C	3.3 OHM	J	1/2W
R452	ERDS1TJ3R3	C	3.3 OHM	J	1/2W
R453	ERJ6GEYJ393	M	39KOHM	J	1/10W
R454	ERJ6GEYJ123	M	12KOHM	J	1/10W
R457	ERJ6GEYJ682	M	6.8KOHM	J	1/10W
R470	ERJ6GEYJ682	M	6.8KOHM	J	1/10W
R471	ERDS1FJ1R0	C	1 OHM	J	1/2W
R505	ERDS2TJ103	C	10KOHM	J	1/4W
R506	ERDS2TJ473	C	47KOHM	J	1/4W
R507	ERG1FJS222D	M	2.2KOHM	J	1W
R508	ERG3FJS153D	M	15KOHM	J	3W
R509	ERDS2TJ273	C	27KOHM	J	1/4W
⚠ R510	ERQ12HJ222	F	2.2KOHM	J	1/2W
R511	ERDS1TJ102	C	1KOHM	J	1/2W
R512	ERDS2TJ154	C	150KOHM	J	1/4W

Ref. No.	Part No.	Description			
R513	ERDS2TJ222	C	2.2KOHM	J	1/4W
R514	ERDS2TJ822	C	8.2KOHM	J	1/4W
R515	ERDS2TJ154	C	150KOHM	J	1/4W
R516	ERDS2TJ103	C	10KOHM	J	1/4W
R517	ERDS2TJ332	C	3.3KOHM	J	1/4W
R518	ERDS2TJ183	C	18KOHM	J	1/4W
R519	ERDS2TJ271	C	270 OHM	J	1/4W
R521	ERDS2TJ103	C	10KOHM	J	1/4W
R522	ERF2AKR18	W	0.18 OHM	K	2W
R523	ERDS2TJ822	C	8.2KOHM	J	1/4W
R524	ERDS2TJ103	C	10KOHM	J	1/4W
⚠ R525	ERQ2CJP151S	F	150 OHM	J	2W
R527	ERDS2TJ334	C	330KOHM	J	1/4W
R529	ERDS1TJ120	C	12 OHM	J	1/2W
R530	ERDS1TJ681	C	680 OHM	J	1/2W
R531	ERDS1FJ1R2	C	1.2 OHM	J	1/2W
R532	ERDS1TJ681	C	680 OHM	J	1/2W
R535	ERJ6GEYJ222	M	2.2KOHM	J	1/10W
R536	ERJ6GEYJ273	M	27KOHM	J	1/10W
R537	ERJ6GEYJ103	M	10KOHM	J	1/10W
R539	ER0S2CKF3322	M	33.2KOHM	F	1/4W
R541	ERDS2TJ473	C	47KOHM	J	1/4W
R542	ER050CKF2802	M	28KOHM	F	1/2W
R543	ER0S2CKF8251	M	8.25KOHM	F	1/4W
	(FOR TX-29P100X/XM)				
R543	ER0S2CKF3741	M	3.74KOHM	F	1/4W
	(FOR TX-33P100X/XM/XA)				
R544	ER0S2CKF3742	M	37.4KOHM	F	1/4W
R546	ERDS1TJ102	C	1KOHM	J	1/2W
R548	ERX3FJS4R7D	M	4.7 OHM	J	3W
R549	ERX3FJS4R7D	M	4.7 OHM	J	3W
R550	ER0S2CKF1002	M	10KOHM	F	1/4W
R551	ERDS2TJ222	C	2.2KOHM	J	1/4W
R552	ERDS1TJ394	C	390KOHM	J	1/2W
R553	ERDS1TJ470	C	47 OHM	J	1/2W
R554	ERDS2TJ222	C	2.2KOHM	J	1/4W
R555	ERDS2TJ222	C	2.2KOHM	J	1/4W
R556	ERDS2TJ333	C	33KOHM	J	1/4W
R557	ERG2FJS681D	M	680 OHM	J	2W
⚠ R558	ERQ1CJP471S	F	470 OHM	J	1W
⚠ R559	ERQ3CJ561	F	560 OHM	J	3W
⚠ R571	ERQ1CJP3R9S	F	3.9 OHM	J	1W
	(FOR TX-29P100X/XM)				
⚠ R571	ERQ2CJP2R4S	F	2.4 OHM	J	2W
	(FOR TX-33P100X/XM/XA)				
R572	ERDS2TJ103	C	10KOHM	J	1/4W
R573	ERDS2TJ100	C	10 OHM	J	1/4W
R575	ERDS2TJ103	C	10KOHM	J	1/4W
R576	ERDS2TJ223	C	22KOHM	J	1/4W
R578	ERDS2TJ153	C	15KOHM	J	1/4W
R579	ERDS2TJ223	C	22KOHM	J	1/4W
	(FOR TX-33P100X/XM/XA)				
R579	ERDS2TJ273	C	27KOHM	J	1/4W
	(FOR TX-29P100X/XM)				
R580	ERDS2TJ103	C	10KOHM	J	1/4W
R581	ERDS2TJ103	C	10KOHM	J	1/4W
R582	ERDS2TJ103	C	10KOHM	J	1/4W
R583	ERDS2TJ103	C	10KOHM	J	1/4W
R584	ERDS2TJ222	C	2.2KOHM	J	1/4W
R585	ERDS2TJ272	C	2.7KOHM	J	1/4W
R587	ERDS1FJ680	C	68 OHM	J	1/2W
R589	ERDS2TJ332	C	3.3KOHM	J	1/4W
R590	ERDS2TJ911	C	910 OHM	J	1/4W
R591	ERG2FJ222H	M	2.2KOHM	J	2W
R592	ERD25FJ911	C	910 OHM	J	1/4W
⚠ R593	ERQ12AJ331P	F	330 OHM	J	1/2W

Ref. No.	Part No.	Description			
R594	ERDS2TJ103	C	10KOHM	J	1/4W
R595	ERDS2TJ183	C	18KOHM	J	1/4W
R596	ERDS2TJ562	C	5.6KOHM	J	1/4W
R601	ERJ6GEYJ101	M	100 OHM	J	1/10W
R602	ERJ6GEYJ561	M	560 OHM	J	1/10W
R603	ERJ6GEYJ101	M	100 OHM	J	1/10W
R604	ERJ6GEYJ561	M	560 OHM	J	1/10W
R605	ERJ6GEYJ390	M	39 OHM	J	1/10W
R606	ERJ6GEYJ680	M	68 OHM	J	1/10W
R607	ERJ6GEYJ101	M	100 OHM	J	1/10W
R608	ERJ6GEYJ102	M	1KOHM	J	1/10W
R609	ERJ6GEYJ101	M	100 OHM	J	1/10W
R610	ERJ6GEYJ561	M	560 OHM	J	1/10W
R611	ERJ6GEYJ390	M	39 OHM	J	1/10W
R612	ERJ6GEYJ680	M	68 OHM	J	1/10W
R613	ERJ6GEYJ101	M	100 OHM	J	1/10W
R614	ERJ6GEYJ561	M	560 OHM	J	1/10W
⚠ R701	ERQ14AJ220P	F	22 OHM	J	1/4W
R704	ERDS2TJ333	C	33KOHM	J	1/4W
R705	ERDS2TJ103	C	10KOHM	J	1/4W
R707	ERDS2TJ472	C	4.7KOHM	J	1/4W
R708	ERDS2TJ102	C	1KOHM	J	1/4W
R710	ERDS2TJ823	C	82KOHM	J	1/4W
R714	ERDS2TJ222	C	2.2KOHM	J	1/4W
R715	ERDS2TJ152	C	1.5KOHM	J	1/4W
R716	ERDS2TJ684	C	680KOHM	J	1/4W
R717	ERDS2TJ221	C	220 OHM	J	1/4W
R718	ERDS2TJ472	C	4.7KOHM	J	1/4W
R719	ERDS2TJ562	C	5.6KOHM	J	1/4W
R720	ERDS2TJ123	C	12KOHM	J	1/4W
R721	ERDS2TJ273	C	27KOHM	J	1/4W
R722	ERDS2TJ103	C	10KOHM	J	1/4W
R723	ERDS2TJ472	C	4.7KOHM	J	1/4W
R724	ERDS2TJ153	C	15KOHM	J	1/4W
R725	EVMEGSA00B53	CONTROL5KOHM B			
R726	ER0S2CKF1272	M	12.7KOHM	F	1/4W
R727	ER0S2CKF2551	M	2.55KOHM	F	1/4W
R728	ER0S2CKF3242	M	32.4KOHM	F	1/4W
R729	ER0S2CKF2701	M	2.7KOHM	F	1/4W
R730	ER0S2CKF2202	M	22KOHM	F	1/4W
R731	ERDS2TJ103	C	10KOHM	J	1/4W
R732	ERDS1FJ103	C	10KOHM	J	1/2W
R734	ERDS1FJ103	C	10KOHM	J	1/2W
R737	ERDS2TJ564	C	560KOHM	J	1/4W
R740	ERDS2TJ561	C	560 OHM	J	1/4W
R741	ERDS2TJ472	C	4.7KOHM	J	1/4W
R742	ERDS1FJ561	C	560 OHM	J	1/2W
R743	ERDS2TJ101	C	100 OHM	J	1/4W
R744	ERDS2TJ820	C	82 OHM	J	1/4W
R745	EVMEGSA00B53	CONTROL5KOHM B			
R746	ERG2FJ123H	M	12KOHM	J	2W
R747	ERDS2TJ123	C	12KOHM	J	1/4W
R748	ERC12GK104	S	100KOHM	K	1/2W
R749	ERDS2TJ125	C	1.2MOHM	J	1/4W
R750	ERDS2TJ125	C	1.2MOHM	J	1/4W
R751	ERDS2TJ223	C	22KOHM	J	1/4W
R753	ERDS1FJ332	C	3.3KOHM	J	1/2W
⚠ R754	ERQ3CJ102	F	1KOHM	J	3W
R755	ER0S2CKF4701	M	4.7KOHM	F	1/4W
	(FOR TX-29P100X/XM)				
R755	ER0S2CKF3901	M	3.9KOHM	F	1/4W
	(FOR TX-33P100X/XM/XA)				
R756	ERDS2TJ334	C	330KOHM	J	1/4W
R757	ERDS2TJ101	C	100 OHM	J	1/4W
⚠ R758	ERQ3CJ102	F	1KOHM	J	3W
R759	ERDS2TJ473	C	47KOHM	J	1/4W

Ref. No.	Part No.	Description			
R760	ERDS2TJ104	C	100KOHM	J	1/4W
R761	ERDS2TJ104	C	100KOHM	J	1/4W
R762	ERDS2TJ104	C	100KOHM	J	1/4W
R763	ERDS2TJ104	C	100KOHM	J	1/4W
R764	ERDS2TJ103	C	10KOHM	J	1/4W
R802	ERDS2TJ681	C	680 OHM	J	1/4W
R803	ERG2FJS150D	M	15 OHM	J	2W
R804	ERF7ZK3R3	W	3.3 OHM	K	7W
R805	ERF5ZJ121	W	120 OHM	J	5W
R806	ERG3FJS101D	M	100 OHM	J	3W
R807	ERG2FJS183D	M	18KOHM	J	2W
R808	ERDS2TJ333	C	33KOHM	J	1/4W
R809	ERDS2TJ103	C	10KOHM	J	1/4W
R810	ERG2FJS183D	M	18KOHM	J	2W
R811	ERDS2TJ333	C	33KOHM	J	1/4W
R812	ERG2FJS333D	M	33KOHM	J	2W
R813	ERG2FJS333D	M	33KOHM	J	2W
R814	ERDS2TJ102	C	1KOHM	J	1/4W
R815	ER0S2CKF1621	M	1.62KOHM	F	1/4W
R816	ERDS2TJ222	C	2.2KOHM	J	1/4W
R817	ERDS2TJ222	C	2.2KOHM	J	1/4W
R818	ERC12GK470	S	47 OHM		1/2W
R819	ERDS2TJ101	C	100 OHM	J	1/4W
R820	ERDS2TJ332	C	3.3KOHM	J	1/4W
⚠ R821	ERQ1CJP390S	F	39 OHM	J	1W
⚠ R822	ERQ14AJ471P	F	470 OHM	J	1/4W
R824	ERG1FJS104D	M	100KOHM	J	1W
R825	ERG3FJS104D	M	100KOHM	J	3W
R826	ERX12SJR33	M	0.33 OHM	J	1/2W
R828	ERX12SJR33	M	0.33 OHM	J	1/2W
R829	ERDS1TJ122	C	1.2KOHM	J	1/2W
R830	ERDS2TJ332	C	3.3KOHM	J	1/4W
R831	ERDS2TJ561	C	560 OHM	J	1/4W
R834	ERDS2TJ681	C	680 OHM	J	1/4W
R835	ERDS2TJ333	C	33KOHM	J	1/4W
R836	ERDS2TJ153	C	15KOHM	J	1/4W
R837	ERDS1TJ102	C	1KOHM	J	1/2W
R838	ERDS2TJ332	C	3.3KOHM	J	1/4W
⚠ R839	ERD75TAJ825	C	8.2MOHM	J	3/4W
R844	ERDS1TJ153	C	15KOHM	J	1/2W
R846	ER0S2CKF1132	M	11.3KOHM	F	1/4W
R848	ER0S2CKF8871	M	8.87KOHM	F	1/4W
R849	ERDS2TJ472	C	4.7KOHM	J	1/4W
R850	ERDS2TJ223	C	22KOHM	J	1/4W
R851	ERDS2TJ103	C	10KOHM	J	1/4W
R852	ERDS2TJ103	C	10KOHM	J	1/4W
R853	ERQ14AJ100P	F	10 OHM	J	1/4W
R855	ERF7ZK2R2	W	2.2 OHM	Z	7W
R856	ERDS1TJ333	C	33KOHM	J	1/2W
R857	ERDS2TJ821	C	820 OHM	J	1/4W
R858	ERDS2TJ333	C	33KOHM	J	1/4W
R859	ER0S2CKF1503	M	150KOHM	F	1/4W
R860	ER0S2CKF1152	M	11.5KOHM	F	1/4W
⚠ R862	ERQ1CKPR33S	F	0.33 OHM	K	1W
R863	ERDS2TJ562	C	5.6KOHM	J	1/4W
R864	ERDS2TJ472	C	4.7KOHM	J	1/4W
R866	ERDS2TJ103	C	10KOHM	J	1/4W
R867	ERF2AK1R2	W	1.2 OHM	K	2W
R882	ERC12ZGK335	S	3.3MOHM	K	1/2W
R901	ERDS1FJ102	C	1KOHM	J	1/2W
R902	ERDS2TJ333	C	33KOHM	J	1/4W
R903	ERDS2TJ183	C	18KOHM	J	1/4W
R904	ERDS2TJ682	C	6.8KOHM	J	1/4W
R905	ERDS2TJ472	C	4.7KOHM	J	1/4W
R907	ERDS2TJ121	C	120 OHM	J	1/4W

Ref. No.	Part No.	Description			
R908	ERDS2TJ121	C	120 OHM	J	1/4W
R917	ERDS2TJ101	C	100 OHM	J	1/4W
⚠ R950	ERQ1CJP331S	F	330 OHM	J	1W
R951	ERDS2TJ271	C	270 OHM	J	1/4W
R952	ERDS2TJ561	C	560 OHM	J	1/4W
R953	ERDS2TJ271	C	270 OHM	J	1/4W
R954	ERDS1FJ561	C	560 OHM	J	1/2W
R955	ERDS2TJ271	C	270 OHM	J	1/4W
R956	ERDS1FJ561	C	560 OHM	J	1/2W
R957	ERDS1TJ330	C	33 OHM	J	1/2W
R958	ERDS1TJ330	C	33 OHM	J	1/2W
⚠ R960	ERQ14AJ100P	F	10 OHM	J	1/4W
⚠ R962	ERQ14AJ270P	F	27 OHM	J	1/4W
⚠ R963	ERQ14AJ270P	F	27 OHM	J	1/4W
R964	ERDS2TJ222	C	2.2KOHM	J	1/4W
R965	ERDS2TJ683	C	68KOHM	J	1/4W
R966	ERG3FJS151D	M	150 OHM	J	3W
R967	ERDS2TJ683	C	68KOHM	J	1/4W
R968	ERDS2TJ222	C	2.2KOHM	J	1/4W
R969	ERDS1FJ390	C	39 OHM	J	1/2W
R970	ERDS2TJ2R7	C	2.7 OHM	J	1/4W
R971	ERDS2TJ2R7	C	2.7 OHM	J	1/4W
R972	ERDS1FJ390	C	39 OHM	J	1/2W
R973	ERDS1FJ121	C	120 OHM	J	1/2W
R1001	ERJ6GEYJ103	M	10KOHM	J	1/10W
R1002	ERJ6GEYJ123	M	12KOHM	J	1/10W
R1003	ERJ6GEYJ333	M	33KOHM	J	1/10W
R1004	ERJ6GEYJ332	M	3.3KOHM	J	1/10W
R1005	ERJ6GEYJ682	M	6.8KOHM	J	1/10W
R1006	ERJ6GEYJ223	M	22KOHM	J	1/10W
R1007	ERJ6GEYJ472	M	4.7KOHM	J	1/10W
R1008	ERJ6GEYJ332	M	3.3KOHM	J	1/10W
R1009	ERJ6GEYJ103	M	10KOHM	J	1/10W
R1010	ERJ6GEYJ123	M	12KOHM	J	1/10W
R1011	ERJ6GEYJ102	M	1KOHM	J	1/10W
R1017	ERJ6GEYJ103	M	10KOHM	J	1/10W
R1035	ERDS1FJ750	C	75 OHM	J	1/2W
R1037	ERDS2TJ103	C	10KOHM	J	1/4W
R1038	ERDS2TJ153	C	15KOHM	J	1/4W
R1039	ERDS2TJ103	C	10KOHM	J	1/4W
R1040	ERDS2TJ683	C	68KOHM	J	1/4W
R1042	ERDS2TJ102	C	1KOHM	J	1/4W
R1044	ER0S2CKF2201	M	2.2KOHM	F	1/4W
R1045	ER0S2CKF2201	M	2.2KOHM	F	1/4W
R1046	ER0S2CKF3301	M	3.3KOHM	F	1/4W
R1047	ER0S2CKF5101	M	5.1KOHM	F	1/4W
R1048	ER0S2CKF9101	M	9.1KOHM	F	1/4W
R1049	ER0S2CKF2202	M	22KOHM	F	1/4W
R1050	ERDS2TJ470	C	47 OHM	J	1/4W
R1068	ERDS1FJ2R2	C	2.2 OHM	J	1/2W
R1069	ERDS1FJ6R8	C	6.8 OHM	J	1/2W
R1080	ERDS2TJ332	C	3.3KOHM	J	1/4W
R1081	ERDS2TJ222	C	2.2KOHM	J	1/4W
R1082	ERDS2TJ472	C	4.7KOHM	J	1/4W
R1083	ERDS2TJ123	C	12KOHM	J	1/4W
R1084	ERDS2TJ821	C	820 OHM	J	1/4W
R1085	ERDS2TJ332	C	3.3KOHM	J	1/4W
R1086	ERDS2TJ272	C	2.7KOHM	J	1/4W
R1101	ERJ6GEYJ103	M	10KOHM	J	1/10W
R1102	ERJ6GEYJ103	M	10KOHM	J	1/10W
R1103	ERJ6GEYJ222	M	2.2KOHM	J	1/10W
R1104	ERJ6GEYJ222	M	2.2KOHM	J	1/10W
R1105	ERJ6GEYJ102	M	1KOHM	J	1/10W
R1106	ERJ6GEYJ102	M	1KOHM	J	1/10W
R1107	ERJ6GEYJ103	M	10KOHM	J	1/10W

Ref. No.	Part No.	Description			
R1108	ERJ6GEYJ102	M	1KOHM	J	1/10W
R1109	ERJ6GEYJ102	M	1KOHM	J	1/10W
R1110	ERJ6GEYJ103	M	10KOHM	J	1/10W
R1112	ERJ6GEYJ471	M	470 OHM	J	1/10W
R1114	ERJ6GEYJ104	M	100KOHM	J	1/10W
R1115	ERJ6GEYJ223	M	22KOHM	J	1/10W
R1116	ERJ6GEYJ473	M	47KOHM	J	1/10W
R1117	ERJ6GEYJ223	M	22KOHM	J	1/10W
R1118	ERJ6GEYJ472	M	4.7KOHM	J	1/10W
R1119	ERJ6GEYJ103	M	10KOHM	J	1/10W
R1120	ERJ6GEYJ103	M	10KOHM	J	1/10W
R1121	ERJ6GEYJ103	M	10KOHM	J	1/10W
R1122	ERJ6GEYJ103	M	10KOHM	J	1/10W
R1123	ERJ6GEYJ473	M	47KOHM	J	1/10W
R1124	ERJ6GEYJ103	M	10KOHM	J	1/10W
R1125	ERJ6GEYJ102	M	1KOHM	J	1/10W
R1126	ERJ6GEYJ272	M	2.7KOHM	J	1/10W
R1127	ERJ6GEYJ103	M	10KOHM	J	1/10W
R1128	ERJ6GEYJ101	M	100 OHM	J	1/10W
R1129	ERJ6GEYJ101	M	100 OHM	J	1/10W
R1130	ERJ6GEYJ101	M	100 OHM	J	1/10W
R1131	ERJ6GEYJ393	M	39KOHM	J	1/10W
R1132	ERJ6GEYJ561	M	560 OHM	J	1/10W
R1133	ERJ6GEYJ103	M	10KOHM	J	1/10W
R1134	ERJ6GEYJ182	M	1.8KOHM	J	1/10W
R1135	ERJ6GEYJ681	M	680 OHM	J	1/10W
R1136	ERJ6GEYJ182	M	1.8KOHM	J	1/10W
R1138	ERJ6GEYJ103	M	10KOHM	J	1/10W
R1139	ERJ6GEYJ151	M	150 OHM	J	1/10W
R1140	ERJ6GEY0R00	M	0 OHM	J	1/10W
R1141	ERJ6GEYJ472	M	4.7KOHM	J	1/10W
R1142	ERJ6GEYJ103	M	10KOHM	J	1/10W
R1143	ERJ6GEYJ473	M	47KOHM	J	1/10W
R1144	ERDS2TJ220	C	22 OHM	J	1/4W
R1145	ERJ6GEYJ220	M	22 OHM	J	1/10W
R1146	ERJ6GEYJ222	M	2.2KOHM	J	1/10W
R1147	ERJ6GEYJ222	M	2.2KOHM	J	1/10W
R1148	ERJ6GEYJ101	M	100 OHM	J	1/10W
R1149	ERJ6GEYJ101	M	100 OHM	J	1/10W
R1152	ERJ6GEYJ472	M	4.7KOHM	J	1/10W
R1153	ERJ6GEYJ103	M	10KOHM	J	1/10W
R1154	ERJ6GEYJ682	M	6.8KOHM	J	1/10W
R1155	ERQ14AJ220P	F	22 OHM	J	1/4W
R1156	ERJ6GEYJ472	M	4.7KOHM	J	1/10W
R1157	ERJ6GEYJ103	M	10KOHM	J	1/10W
R1158	ERJ6GEYJ220	M	22 OHM	J	1/10W
R1159	ERJ6GEYJ220	M	22 OHM	J	1/10W
R1160	ERJ6GEYJ103	M	10KOHM	J	1/10W
R1161	ERJ6GEYJ103	M	10KOHM	J	1/10W
R1162	ERDS2TJ103	C	10KOHM	J	1/4W
R1163	ERJ6GEYJ103	M	10KOHM	J	1/10W
R1164	ERJ6GEYJ103	M	10KOHM	J	1/10W
R1165	ERJ6GEYJ223	M	22KOHM	J	1/10W
R1166	ERJ6GEYJ102	M	1KOHM	J	1/10W
R1167	ERJ6GEYJ103	M	10KOHM	J	1/10W
R1169	ERJ6GEYJ103	M	10KOHM	J	1/10W
R1170	ERJ6GEYJ103	M	10KOHM	J	1/10W
R1171	ERJ6GEYJ103	M	10KOHM	J	1/10W
R1172	ERJ6GEYJ473	M	47KOHM	J	1/10W
R1173	ERJ6GEYJ102	M	1KOHM	J	1/10W
R1174	ERJ6GEYJ103	M	10KOHM	J	1/10W
R1177	ERJ6GEYJ101	M	100 OHM	J	1/10W
R1181	ERJ6GEYJ472	M	4.7KOHM	J	1/10W
R1184	ERJ6GEYJ102	M	1KOHM	J	1/10W
R1185	ERJ6GEYJ393	M	39KOHM	J	1/10W
R1186	ERJ6GEYJ271	M	270 OHM	J	1/10W
R1301	ERJ3GEYJ333	M	33KOHM	J	1/16W
R1302	ERJ3GEYJ183	M	18KOHM	J	1/16W
R1303	ERJ6ENF1001	M	1KOHM		1/10W
R1304	ERJ3GEYJ680	M	68 OHM	J	1/16W
R1305	ERJ3GEYJ560	M	56 OHM	J	1/16W
R1306	ERJ3GEYJ560	M	56 OHM	J	1/16W
R1307	ERJ3GEYJ681	M	680 OHM	J	1/16W
R1309	ERJ3GEYJ103	M	10KOHM	J	1/16W
R1310	ERJ3GEYJ333	M	33KOHM	J	1/16W
R1311	ERJ3GEYJ183	M	18KOHM	J	1/16W
R1312	ERJ6ENF1001	M	1KOHM		1/10W
R1313	ERJ6ENF2200	M	220 OHM		1/10W
R1314	ERJ6ENF1001	M	1KOHM		1/10W
R1316	ERJ6ENF1501	M	1.5KOHM		1/10W
R1317	ERJ3GEYJ560	M	56 OHM	J	1/16W
R1318	ERJ3GEYJ561	M	560 OHM	J	1/16W
R1320	ERJ6ENF1001	M	1KOHM		1/10W
R1321	ERJ3GEYJ560	M	56 OHM	J	1/16W
R1322	ERJ3GEYJ102	M	1KOHM	J	1/16W
R1323	ERJ3GEYJ561	M	560 OHM	J	1/16W
R1324	ERJ3GEYJ561	M	560 OHM	J	1/16W
R1325	ERJ3GEYJ101	M	100 OHM	J	1/16W
R1326	ERJ3GEYJ680	M	68 OHM	J	1/16W
R1327	ERJ3GEYJ101	M	100 OHM	J	1/16W
R1328	ERJ3GEYJ561	M	560 OHM	J	1/16W
R1329	ERJ3GEYJ560	M	56 OHM	J	1/16W
R1330	ERJ3GEYJ101	M	100 OHM	J	1/16W
R1331	ERJ3GEYJ681	M	680 OHM	J	1/16W
R1332	ERJ3GEYJ560	M	56 OHM	J	1/16W
R1333	ERJ3GEYJ560	M	56 OHM	J	1/16W
R1334	ERJ6ENF2200	M	220 OHM		1/10W
R1335	ERJ3GEYJ560	M	56 OHM	J	1/16W
R1336	ERJ6ENF1501	M	1.5KOHM		1/10W
R1337	ERJ3GEYJ101	M	100 OHM	J	1/16W
R1338	ERJ3GEYJ101	M	100 OHM	J	1/16W
R1339	ERJ3GEYJ101	M	100 OHM	J	1/16W
R1340	ERJ6GEYJ331	M	330 OHM	J	1/10W
R1341	ERJ3GEYJ560	M	56 OHM	J	1/16W
R1342	ERJ3GEYJ560	M	56 OHM	J	1/16W
R1343	ERJ6GEYJ331	M	330 OHM	J	1/10W
R1344	ERJ3GEYJ560	M	56 OHM	J	1/16W
R1345	ERJ3GEYJ101	M	100 OHM	J	1/16W
R1346	ERJ3GEYJ560	M	56 OHM	J	1/16W
R1347	ERJ6GEYJ331	M	330 OHM	J	1/10W
R1348	ERJ3GEYJ560	M	56 OHM	J	1/16W
R1349	ERJ3GEYJ560	M	56 OHM	J	1/16W
R1350	ERJ6ENF3162	M	31.6KOHM		1/10W
R1351	ERJ3GEYJ560	M	56 OHM	J	1/16W
R1352	ERJ3GEYJ561	M	560 OHM	J	1/16W
R1353	ERJ3GEYJ561	M	560 OHM	J	1/16W
R1354	ERJ3GEYJ560	M	56 OHM	J	1/16W
R1355	ERJ3GEYJ560	M	56 OHM	J	1/16W
R1356	ERJ3GEYJ560	M	56 OHM	J	1/16W
R1357	ERJ3GEY0R00	M	0 OHM		1/16W
R1358	ERJ6ENF8200	M	820 OHM		1/10W
R1359	ERJ3GEY0R00	M	0 OHM		1/16W
R1360	ERJ3GEYJ101	M	100 OHM	J	1/16W
R1361	ERJ3GEYJ103	M	10KOHM	J	1/16W
R1362	ERJ3GEYJ473	M	47KOHM	J	1/16W
R1363	ERJ3GEYJ560	M	56 OHM	J	1/16W
R1364	ERJ3GEYJ151	M	150 OHM	J	1/16W
R1365	ERJ3GEYJ102	M	1KOHM	J	1/16W
R1366	ERJ3GEYJ103	M	10KOHM	J	1/16W
R1368	ERJ3GEYJ102	M	1KOHM	J	1/16W

Ref. No.	Part No.	Description			
R1369	ERJ3GEYJ560	M	56 OHM	J	1/16W
R1370	ERJ3GEYJ332	M	3.3KOHM	J	1/16W
R1371	ERJ3GEYJ222	M	2.2KOHM	J	1/16W
R1372	ERJ3GEYJ681	M	680 OHM	J	1/16W
R1373	ERJ3GEYJ560	M	56 OHM	J	1/16W
R1374	ERJ3GEYJ393	M	39KOHM	J	1/16W
R1375	ERJ3GEYJ561	M	560 OHM	J	1/16W
R1376	ERJ3GEY0R00	M	0 OHM		1/16W
R1377	ERJ3GEY0R00	M	0 OHM		1/16W
R1378	ERJ3GEYJ560	M	56 OHM	J	1/16W
R1379	ERJ3GEYJ560	M	56 OHM	J	1/16W
R1380	ERJ3GEYJ221	M	220 OHM	J	1/16W
R1381	ERJ3GEY0R00	M	0 OHM		1/16W
R1382	ERJ3GEYJ221	M	220 OHM	J	1/16W
R1383	ERJ6ENF1002	M	10KOHM		1/10W
R1384	ERJ6ENF2401	M	2.4KOHM		1/10W
R1385	ERJ6ENF47R0	M	47 OHM		1/10W
R1386	ERJ3GEYJ101	M	100 OHM	J	1/16W
R1387	ERJ3GEYJ101	M	100 OHM	J	1/16W
R1388	ERJ3GEYJ562	M	5.6KOHM	J	1/16W
R1389	ERJ3GEYJ101	M	100 OHM	J	1/16W
R1390	ERJ6GEY0R00	M	0 OHM	J	1/10W
R1391	ERJ3GEYJ103	M	10KOHM	J	1/16W
R1392	ERJ3GEYJ273	M	27KOHM	J	1/16W
R1393	ERJ3GEYJ562	M	5.6KOHM	J	1/16W
R1394	ERJ3GEYJ103	M	10KOHM	J	1/16W
R1395	ERJ3GEYJ273	M	27KOHM	J	1/16W
R1396	ERJ6ENF2212	M	22.1KOHM		1/10W
R1397	ERJ3GEYJ103	M	10KOHM	J	1/16W
R1399	ERJ3GEYJ472	M	4.7KOHM	J	1/16W
R1400	ERJ3GEYJ102	M	1KOHM	J	1/16W
R1401	ERJ6GEYJ331	M	330 OHM	J	1/10W
R1403	ERJ3GEYJ433	M	43KOHM	J	1/16W
R1406	ERJ3GEYJ101	M	100 OHM	J	1/16W
R1407	ERJ3GEYJ102	M	1KOHM	J	1/16W
R1408	ERJ3GEYJ102	M	1KOHM	J	1/16W
R1409	ERJ3GEYJ102	M	1KOHM	J	1/16W
R1410	ERJ3GEYJ153	M	15KOHM	J	1/16W
R1411	ERJ3GEYJ100	M	10 OHM	J	1/16W
R1412	ERJ6GEYJ102	M	1KOHM	J	1/10W
R1413	ERJ3GEYJ103	M	10KOHM	J	1/16W
R1414	ERJ3GEYJ223	M	22KOHM	J	1/16W
R1415	ERJ3GEYJ105	M	1MOHM	J	1/16W
R1416	ERJ3GEYJ472	M	4.7KOHM	J	1/16W
R1417	ERJ3GEYJ473	M	47KOHM	J	1/16W
R1418	ERJ3GEYJ151	M	150 OHM	J	1/16W
R1419	ERJ3GEYJ222	M	2.2KOHM	J	1/16W
R1422	ERJ3GEYJ682	M	6.8KOHM	J	1/16W
R1423	ERJ6GEYJ151	M	150 OHM	J	1/10W
R1424	ERJ3GEYJ394	M	390KOHM	J	1/16W
R1425	ERJ6ENF1202	M	12KOHM		1/10W
R1426	ERJ6ENF2202	M	2.2KOHM		1/10W
R1427	ERJ6GEYJ151	M	150 OHM	J	1/10W
R1430	ERJ6GEYJ121	M	120 OHM	J	1/10W
R1431	ERJ3GEYJ272	M	2.7KOHM	J	1/16W
R1432	ERJ3GEYJ103	M	10KOHM	J	1/16W
R1433	ERJ3GEYJ103	M	10KOHM	J	1/16W
R1434	ERJ6GEYJ181	M	180 OHM	J	1/10W
R1435	ERJ3GEYJ102	M	1KOHM	J	1/16W
R1436	ERJ3GEYJ102	M	1KOHM	J	1/16W
R1437	ERJ6GEYJ151	M	150 OHM	J	1/10W
R1438	ERJ3GEYJ561	M	560 OHM	J	1/16W
R1439	ERJ3GEYJ103	M	10KOHM	J	1/16W
R1440	ERJ3GEYJ103	M	10KOHM	J	1/16W
R1441	ERJ6GEYJ561	M	560 OHM	J	1/10W

Ref. No.	Part No.	Description			
R1447	ERJ3GEYJ102	M	1KOHM	J	1/16W
R1448	ERJ3GEYJ102	M	1KOHM	J	1/16W
R1449	ERJ3GEYJ221	M	220 OHM	J	1/16W
R1455	ERJ3GEYJ560	M	56 OHM	J	1/16W
R1456	ERJ3GEYJ560	M	56 OHM	J	1/16W
R1457	ERJ3GEYJ470	M	47 OHM	J	1/16W
R1458	ERJ3GEYJ470	M	47 OHM	J	1/16W
R1459	ERJ3GEYJ560	M	56 OHM	J	1/16W
R1460	ERJ3GEYJ560	M	56 OHM	J	1/16W
R1461	ERJ3GEYJ103	M	10KOHM	J	1/16W
R1462	ERJ3GEYJ103	M	10KOHM	J	1/16W
R1463	ERJ6GEYJ271	M	270 OHM	J	1/10W
R1464	ERJ3GEYJ331	M	330 OHM	J	1/16W
R1465	ERJ3GEYJ561	M	560 OHM	J	1/16W
R1466	ERJ3GEYJ331	M	330 OHM	J	1/16W
R1467	ERJ3GEYJ561	M	560 OHM	J	1/16W
R1468	ERJ3GEYJ331	M	330 OHM	J	1/16W
R1469	ERJ3GEYJ561	M	560 OHM	J	1/16W
R1470	ERJ3GEYJ331	M	330 OHM	J	1/16W
R1471	ERJ6ENF6040	M	604 OHM		1/10W
R1472	ERJ3GEYJ221	M	220 OHM	J	1/16W
R1473	ERJ6ENF2200	M	220 OHM		1/10W
R1474	ERJ6ENF2050	M	205 OHM		1/10W
R1475	ERJ6ENF2550	M	255 OHM		1/10W
R1476	ERJ3GEYJ822	M	8.2KOHM	J	1/16W
R1477	ERJ3GEYJ821	M	820 OHM	J	1/16W
R1479	ERJ3GEYJ822	M	8.2KOHM	J	1/16W
R1480	ERJ3GEYJ332	M	3.3KOHM	J	1/16W
R1482	ERJ3GEYJ471	M	470 OHM	J	1/16W
R1486	ERJ3GEYJ101	M	100 OHM	J	1/16W
R1487	ERJ3GEYJ101	M	100 OHM	J	1/16W
R1490	ERJ3GEYJ101	M	100 OHM	J	1/16W
R1491	ERJ3GEYJ101	M	100 OHM	J	1/16W
R1492	ERJ3GEYJ101	M	100 OHM	J	1/16W
R1493	ERJ3GEYJ101	M	100 OHM	J	1/16W
R1509	ERJ6ENF1001	M	1KOHM		1/10W
R1510	ERJ6ENF1001	M	1KOHM		1/10W
R1511	ERJ6GEYJ471	M	470 OHM	J	1/10W
R1512	ERJ6ENF1690	M	169 OHM		1/10W
R1513	ERJ6ENF22R0	M	22 OHM		1/10W
R1520	ERJ6GEYJ223	M	22KOHM	J	1/10W
R1524	ERJ3GEY0R00	M	0 OHM		1/16W
R2001	ERJ6GEYJ473	M	47KOHM	J	1/10W
R2004	ERJ6GEYJ103	M	10KOHM	J	1/10W
R2005	ERJ6GEYJ101	M	100 OHM	J	1/10W
R2006	ERJ6GEYJ101	M	100 OHM	J	1/10W
R2007	ERJ6GEYJ183	M	18KOHM	J	1/10W
R2014	ERJ6GEYJ471	M	470 OHM	J	1/10W
R2015	ERJ6GEYJ222	M	2.2KOHM	J	1/10W
R2016	ERJ6GEYJ471	M	470 OHM	J	1/10W
R2017	ERJ6GEYJ222	M	2.2KOHM	J	1/10W
R2022	ERJ6GEYJ821	M	820 OHM	J	1/10W
R2038	ERJ6GEY0R00	M	0 OHM	J	1/10W
R2250	ERDS2TJ152	C	1.5KOHM	J	1/4W
R2251	ERDS2TJ152	C	1.5KOHM	J	1/4W
R2254	ERDS1FJ471	C	470 OHM	J	1/2W
R2255	ERDS1FJ471	C	470 OHM	J	1/2W
R2256	ERDS1FJ561	C	560 OHM	J	1/2W
R2257	ERDS1FJ561	C	560 OHM	J	1/2W
R2259	ERDS2TJ103	C	10KOHM	J	1/4W
R2260	ERDS1FJ561	C	560 OHM	J	1/2W
R2267	ERDS2TJ184	C	180KOHM	J	1/4W
R2268	ERDS2TJ184	C	180KOHM	J	1/4W
R2269	ERDS1FJ121	C	120 OHM	J	1/2W
R2270	ERDS1FJ121	C	120 OHM	J	1/2W

Ref. No.	Part No.	Description			
R2271	ERDS2TJ153	C	15KOHM	J	1/4W
R2272	ERDS2TJ822	C	8.2KOHM	J	1/4W
R2273	ERDS2TJ122	C	1.2KOHM	J	1/4W
R2274	ERDS2TJ104	C	100KOHM	J	1/4W
R2275	ERDS2TJ473	C	47KOHM	J	1/4W
R2276	ERDS2TJ472	C	4.7KOHM	J	1/4W
R2301	ERJ6GEYJ151	M	150 OHM	J	1/10W
R2302	ERJ6GEYJ103	M	10KOHM	J	1/10W
R2303	ERJ6GEYJ472	M	4.7KOHM	J	1/10W
R2304	ERDS2TJ122	C	1.2KOHM	J	1/4W
R2305	ERJ6GEYJ273	M	27KOHM	J	1/10W
R2306	ERJ6GEYJ393	M	39KOHM	J	1/10W
R2308	ERJ6GEYJ102	M	1KOHM	J	1/10W
R2309	ERX3FJ4R7H	M	4.7 OHM	J	3W
R2310	ERJ6GEYJ102	M	1KOHM	J	1/10W
R2311	ERJ6GEYJ223	M	22KOHM	J	1/10W
R2312	ERJ6GEYJ562	M	5.6KOHM	J	1/10W
R2313	ERJ6GEYJ151	M	150 OHM	J	1/10W
R2314	ERJ6GEYJ752	M	7.5KOHM	J	1/10W
R2315	ERJ6GEYJ472	M	4.7KOHM	J	1/10W
R2316	ERJ6GEYJ122	M	1.2KOHM	J	1/10W
R2317	ERG1FJS102D	M	1KOHM	J	1W
R2318	ERG1FJS102D	M	1KOHM	J	1W
R2319	ERJ6GEYJ332	M	3.3KOHM	J	1/10W
R2320	ERJ6GEYJ332	M	3.3KOHM	J	1/10W
R2321	ERJ6GEYJ102	M	1KOHM	J	1/10W
R2322	ERJ6GEYJ331	M	330 OHM	J	1/10W
R2323	ERJ6GEYJ393	M	39KOHM	J	1/10W
R2324	ERJ6GEYJ272	M	2.7KOHM	J	1/10W
R2325	ERJ6GEYJ151	M	150 OHM	J	1/10W
R2326	ERJ6GEYJ473	M	47KOHM	J	1/10W
R2327	ERJ6GEYJ223	M	22KOHM	J	1/10W
R2328	ERJ6GEYJ223	M	22KOHM	J	1/10W
R2329	ERX3FJ4R7H	M	4.7 OHM	J	3W
R2330	ERG1FJS102D	M	1KOHM	J	1W
R2331	ERG1FJS102D	M	1KOHM	J	1W
R2332	ERJ6GEYJ331	M	330 OHM	J	1/10W
R2333	ERJ6GEYJ331	M	330 OHM	J	1/10W
R2434	ERJ6GEYJ153	M	15KOHM	J	1/10W
R2435	ERJ6GEYJ104	M	100KOHM	J	1/10W
R2436	ERJ6GEYJ224	M	220KOHM	J	1/10W
R2437	ERJ6GEYJ560	M	56 OHM	J	1/10W
R2438	ERJ6GEYJ560	M	56 OHM	J	1/10W
R2439	ERJ6GEYJ472	M	4.7KOHM	J	1/10W
R2440	ERDS2TJ103	C	10KOHM	J	1/4W
R2441	ERDS2TJ183	C	18KOHM	J	1/4W
R2442	ERJ6GEYJ562	M	5.6KOHM	J	1/10W
R2445	ERJ6GEYJ153	M	15KOHM	J	1/10W
R2446	ERJ6GEYJ473	M	47KOHM	J	1/10W
R2449	ERJ6GEYJ104	M	100KOHM	J	1/10W
R2450	ERJ6GEYJ473	M	47KOHM	J	1/10W
R2451	ERJ6GEYJ823	M	82KOHM	J	1/10W
R2452	ERJ6GEYJ222	M	2.2KOHM	J	1/10W
R2453	ERJ6GEYJ103	M	10KOHM	J	1/10W
R2455	ERJ6GEYJ105	M	1MOHM	J	1/10W
R2456	ERJ6GEYJ823	M	82KOHM	J	1/10W
R2457	ERJ6GEYJ103	M	10KOHM	J	1/10W
R2458	ERJ6GEYJ472	M	4.7KOHM	J	1/10W
R2463	ERJ6GEYJ103	M	10KOHM	J	1/10W
R2464	ERJ6GEYJ222	M	2.2KOHM	J	1/10W
R2465	ERJ6GEYJ103	M	10KOHM	J	1/10W
R2466	ERJ6GEYJ153	M	15KOHM	J	1/10W
R2468	ERJ6GEYJ393	M	39KOHM	J	1/10W
R2469	ERJ6GEYJ393	M	39KOHM	J	1/10W
R2501	ER0S2CKF75R0	M	75 OHM	F	1/4W

Ref. No.	Part No.	Description			
R2503	ERDS2TJ333	C	33KOHM	J	1/4W
R2504	ERDS2TJ101	C	100 OHM	J	1/4W
R2506	ER0S2CKF75R0	M	75 OHM	F	1/4W
R2507	ERDS2TJ220	C	22 OHM	J	1/4W
R2508	ERDS2TJ333	C	33KOHM	J	1/4W
R2509	ERDS2TJ101	C	100 OHM	J	1/4W
R2511	ER0S2CKF75R0	M	75 OHM	F	1/4W
R2512	ERDS2TJ220	C	22 OHM	J	1/4W
R2516	ERDS2TJ220	C	22 OHM	J	1/4W
R2526	ERJ6GEYJ562	M	5.6KOHM	J	1/10W
R2527	ERJ6GEYJ182	M	1.8KOHM	J	1/10W
R2528	ERJ6GEYJ222	M	2.2KOHM	J	1/10W
⚠ R2529	ERQ2CJP3R3S	F	3.3 OHM	J	2W
R2530	ERJ6GEYJ1R0	M	1 OHM	J	1/10W
R2531	ERJ6GEYJ183	M	18KOHM	J	1/10W
R2532	ERJ6GEYJ103	M	10KOHM	J	1/10W
R2533	ERJ6GEYJ103	M	10KOHM	J	1/10W
R2534	ERJ6GEYJ183	M	18KOHM	J	1/10W
R2535	ERJ6GEYJ103	M	10KOHM	J	1/10W
R2536	ERJ6GEYJ153	M	15KOHM	J	1/10W
R2538	ERDS2TJ103	C	10KOHM	J	1/4W
R2540	ERDS2TJ822	C	8.2KOHM	J	1/4W
R2541	ERDS2TJ183	C	18KOHM	J	1/4W
R2542	ERJ6GEYJ332	M	3.3KOHM	J	1/10W
R2543	ERJ6GEYJ103	M	10KOHM	J	1/10W
R2544	ERJ6GEYJ682	M	6.8KOHM	J	1/10W
R2545	ERJ6GEYJ183	M	18KOHM	J	1/10W
R2546	ERJ6GEYJ103	M	10KOHM	J	1/10W
R2547	ERJ6GEYJ103	M	10KOHM	J	1/10W
R2548	ERJ6GEYJ183	M	18KOHM	J	1/10W
R2549	ERJ6GEYJ103	M	10KOHM	J	1/10W
R2550	ERJ6GEYJ153	M	15KOHM	J	1/10W
R2552	ERJ6GEYJ103	M	10KOHM	J	1/10W
R2554	ERDS2TJ822	C	8.2KOHM	J	1/4W
R2555	ERJ6GEYJ183	M	18KOHM	J	1/10W
R2556	ERJ6GEYJ332	M	3.3KOHM	J	1/10W
R2557	ERJ6GEYJ103	M	10KOHM	J	1/10W
R2558	ERDS2TJ682	C	6.8KOHM	J	1/4W
R2561	ERJ6GEYJ103	M	10KOHM	J	1/10W
R2562	ERJ6GEYJ103	M	10KOHM	J	1/10W
R2563	ERJ6GEYJ473	M	47KOHM	J	1/10W
R2564	ERJ6GEYJ103	M	10KOHM	J	1/10W
R2565	ERJ6GEYJ103	M	10KOHM	J	1/10W
R2566	ERJ6GEYJ102	M	1KOHM	J	1/10W
R2567	ERJ6GEYJ272	M	2.7KOHM	J	1/10W
R3001	ERDS2TJ153	C	15KOHM	J	1/4W
R3002	ERDS2TJ122	C	1.2KOHM	J	1/4W
R3003	ERDS2TJ102	C	1KOHM	J	1/4W
R3004	ERDS2TJ391	C	390 OHM	J	1/4W
R3005	ERDS2TJ471	C	470 OHM	J	1/4W
R3006	ERJ6GEYJ561	M	560 OHM	J	1/10W
R3007	ERDS2TJ104	C	100KOHM	J	1/4W
R3008	ERJ6GEYJ331	M	330 OHM	J	1/10W
R3009	ERDS2TJ183	C	18KOHM	J	1/4W
R3010	ERJ6GEYJ561	M	560 OHM	J	1/10W
R3011	ERDS2TJ823	C	82KOHM	J	1/4W
R3012	ERDS2TJ223	C	22KOHM	J	1/4W
R3013	ERDS2TJ333	C	33KOHM	J	1/4W
R3014	ERDS2TJ561	C	560 OHM	J	1/4W
R3015	ERJ6GEYJ331	M	330 OHM	J	1/10W
R3016	ERDS2TJ272	C	2.7KOHM	J	1/4W
⚠ R3017	ERQ14AJ100P	F	10 OHM	J	1/4W
R3018	ERDS2TJ153	C	15KOHM	J	1/4W
R3019	ERDS2TJ122	C	1.2KOHM	J	1/4W
R3020	ERJ6GEY0R00	M	0 OHM	J	1/10W

Ref. No.	Part No.	Description			
R3021	ERJ6GEYJ102	M	1KOHM	J	1/10W
R3022	ERJ6GEYJ221	M	220 OHM	J	1/10W
R3023	ERJ6GEYJ221	M	220 OHM	J	1/10W
R3024	ERDS2TJ391	C	390 OHM	J	1/4W
R3025	ERJ6GEYJ561	M	560 OHM	J	1/10W
R3026	ERDS2TJ102	C	1KOHM	J	1/4W
R3027	ERJ6GEYJ102	M	1KOHM	J	1/10W
R3028	ERJ6GEYJ102	M	1KOHM	J	1/10W
R3029	ERJ6ENF75R0	M	75 OHM		1/10W
R3030	ERDS2TJ471	C	470 OHM	J	1/4W
R3031	ERJ6GEYJ561	M	560 OHM	J	1/10W
R3032	ERJ6GEYJ331	M	330 OHM	J	1/10W
R3033	ERJ6GEYJ331	M	330 OHM	J	1/10W
R3034	ERJ6GEYJ331	M	330 OHM	J	1/10W
R3035	ERJ6GEYJ331	M	330 OHM	J	1/10W
⚠ R3036	ERQ14AJ100P	F	10 OHM	J	1/4W
R3037	ERDS2TJ104	C	100KOHM	J	1/4W
R3038	ERDS2TJ183	C	18KOHM	J	1/4W
R3039	ERJ6GEYJ184	M	180KOHM	J	1/10W
R3040	ERJ6GEYJ102	M	1KOHM	J	1/10W
R3041	ERJ6GEYJ331	M	330 OHM	J	1/10W
R3042	ERDS2TJ823	C	82KOHM	J	1/4W
R3043	ERJ6GEYJ102	M	1KOHM	J	1/10W
R3044	ERJ6GEYJ331	M	330 OHM	J	1/10W
R3045	ERDS2TJ223	C	22KOHM	J	1/4W
R3046	ERDS2TJ333	C	33KOHM	J	1/4W
R3047	ERDS2TJ561	C	560 OHM	J	1/4W
R3048	ERJ6GEYJ331	M	330 OHM	J	1/10W
R3049	ERDS2TJ272	C	2.7KOHM	J	1/4W
R3050	ERJ6GEYJ184	M	180KOHM	J	1/10W
R3051	ERJ6GEYJ103	M	10KOHM	J	1/10W
R3052	ERJ6GEYJ101	M	100 OHM	J	1/10W
R3053	ERJ6GEYJ101	M	100 OHM	J	1/10W
R3055	ERJ6GEYJ331	M	330 OHM	J	1/10W
R3058	ERQ14AJ100P	F	10 OHM	J	1/4W
R3059	ERJ6GEYJ184	M	180KOHM	J	1/10W
R3060	ERJ6GEYJ184	M	180KOHM	J	1/10W
R3061	ERJ6GEY0R00	M	0 OHM	J	1/10W
R3062	ERJ6GEYJ184	M	180KOHM	J	1/10W
R3063	ERJ6GEYJ102	M	1KOHM	J	1/10W
R3064	ERJ6GEYJ102	M	1KOHM	J	1/10W
R3066	ERJ6GEYJ331	M	330 OHM	J	1/10W
R3067	ERJ6GEYJ221	M	220 OHM	J	1/10W
R3068	ERJ6GEYJ472	M	4.7KOHM	J	1/10W
R3070	ERJ6GEYJ184	M	180KOHM	J	1/10W
R3071	ERJ6GEYJ184	M	180KOHM	J	1/10W
R3072	ERJ6GEYJ472	M	4.7KOHM	J	1/10W
R3073	ERJ6GEYJ750	M	75 OHM	J	1/10W
R3074	ERJ6GEYJ184	M	180KOHM	J	1/10W
R3078	ERJ6GEYJ221	M	220 OHM	J	1/10W
R3079	ERJ6GEYJ103	M	10KOHM	J	1/10W
R3080	ERJ6GEYJ102	M	1KOHM	J	1/10W
R3083	ERJ6GEYJ102	M	1KOHM	J	1/10W
R3084	ERJ6GEYJ680	M	68 OHM	J	1/10W
R3085	ERJ6GEYJ102	M	1KOHM	J	1/10W
R3088	ERJ6ENF75R0	M	75 OHM		1/10W
R3090	ERJ6GEYJ102	M	1KOHM	J	1/10W
R3091	ERJ6GEYJ102	M	1KOHM	J	1/10W
R3093	ERJ6ENF75R0	M	75 OHM		1/10W
R3094	ERJ6GEYJ102	M	1KOHM	J	1/10W
R3095	ERJ6ENF75R0	M	75 OHM		1/10W
R3096	ERJ6GEYJ104	M	100KOHM	J	1/10W
R3097	ERJ6GEYJ104	M	100KOHM	J	1/10W
R3100	ERJ6ENF75R0	M	75 OHM		1/10W
R3102	ERJ6GEYJ103	M	10KOHM	J	1/10W

Ref. No.	Part No.	Description			
R3103	ERJ6GEYJ101	M	100 OHM	J	1/10W
R3104	ERJ6GEYJ101	M	100 OHM	J	1/10W
R3108	ERJ6ENF75R0	M	75 OHM		1/10W
R3109	ERJ6ENF75R0	M	75 OHM		1/10W
R3111	ERJ6ENF75R0	M	75 OHM		1/10W
R3112	ERJ6GEYJ103	M	10KOHM	J	1/10W
R3113	ERJ6GEYJ102	M	1KOHM	J	1/10W
R3506	ERJ6GEYJ222	M	2.2KOHM	J	1/10W
R3510	ERJ6GEYJ222	M	2.2KOHM	J	1/10W
R3513	ERJ6GEYJ222	M	2.2KOHM	J	1/10W
R3523	ERJ6GEYJ102	M	1KOHM	J	1/10W
R3551	ERJ6GEYJ561	M	560 OHM	J	1/10W
R3552	ERJ6GEYJ152	M	1.5KOHM	J	1/10W
R3553	ERJ6GEYJ221	M	220 OHM	J	1/10W
R3554	ERJ6GEYJ121	M	120 OHM	J	1/10W
R3555	ERJ6GEYJ561	M	560 OHM	J	1/10W
R3556	ERJ6GEYJ121	M	120 OHM	J	1/10W
R3557	ERJ6GEYJ681	M	680 OHM	J	1/10W
R3558	ERJ6GEYJ681	M	680 OHM	J	1/10W
R3559	ERJ6GEYJ121	M	120 OHM	J	1/10W
R3560	ERJ6GEYJ102	M	1KOHM	J	1/10W
R3561	ERJ6GEYJ681	M	680 OHM	J	1/10W
R3562	ERJ6GEYJ103	M	10KOHM	J	1/10W
R3573	ERJ6GEYJ472	M	4.7KOHM	J	1/10W
R3574	ERJ6GEYJ100	M	10 OHM	J	1/10W
R3575	ERJ6GEYJ101	M	100 OHM	J	1/10W
R3576	ERJ6GEYJ101	M	100 OHM	J	1/10W
R3577	ERJ6GEYJ472	M	4.7KOHM	J	1/10W
R3578	ERJ6GEYJ472	M	4.7KOHM	J	1/10W
R3579	ERJ6GEYJ101	M	100 OHM	J	1/10W
R3582	ERJ6GEYJ474	M	470KOHM	J	1/10W
R3584	ERJ6GEYJ471	M	470 OHM	J	1/10W
R3585	ERJ6GEY0R00	M	0 OHM	J	1/10W
R3587	ERJ6GEYJ273	M	27KOHM	J	1/10W
R3588	ERJ6GEYJ823	M	82KOHM	J	1/10W
R3591	ERJ6GEYJ103	M	10KOHM	J	1/10W
R3592	ERJ6GEYJ101	M	100 OHM	J	1/10W
R3593	ERJ6GEYJ101	M	100 OHM	J	1/10W
R3594	ERJ6GEYJ103	M	10KOHM	J	1/10W
R3595	ERJ6GEYJ101	M	100 OHM	J	1/10W
R3596	ERJ6GEYJ101	M	100 OHM	J	1/10W
R4001	ERJ6GEYJ101	M	100 OHM	J	1/10W
R4002	ERJ6GEYJ101	M	100 OHM	J	1/10W
R4003	ERJ6GEYJ101	M	100 OHM	J	1/10W
R4005	ERJ6GEYJ101	M	100 OHM	J	1/10W
R4006	ERJ6GEY0R00	M	0 OHM	J	1/10W
R4009	ERJ6GEYJ101	M	100 OHM	J	1/10W
R4010	ERJ6GEYJ101	M	100 OHM	J	1/10W
R4011	ERJ6GEYJ101	M	100 OHM	J	1/10W
R4012	ERJ6GEYJ101	M	100 OHM	J	1/10W
R4014	ERJ6GEYJ101	M	100 OHM	J	1/10W
R4016	ERJ6GEYJ101	M	100 OHM	J	1/10W
R4017	ERJ6GEYJ182	M	1.8KOHM	J	1/10W
R4018	ERJ6GEYJ104	M	100KOHM	J	1/10W
R4020	ERJ6GEYJ393	M	39KOHM	J	1/10W
R4021	ERJ6GEYJ103	M	10KOHM	J	1/10W
R4026	ERJ6GEYJ303	M	30KOHM	J	1/10W
R4027	ERJ6GEYJ513	M	51KOHM	J	1/10W
R4031	ERJ6GEYJ222	M	2.2KOHM	J	1/10W
R4032	ERJ6GEYJ222	M	2.2KOHM	J	1/10W
R4033	ERJ6GEYJ101	M	100 OHM	J	1/10W
R4034	ERJ6GEYJ101	M	100 OHM	J	1/10W
R4038	ERJ6GEYJ222	M	2.2KOHM	J	1/10W
R4039	ERJ6GEYJ102	M	1KOHM	J	1/10W
R4040	ERDS2TJ221	C	220 OHM	J	1/4W

Ref. No.	Part No.	Description			
R4041	ERJ6GEYJ102	M	1KOHM	J	1/10W
R4042	ERJ6GEYJ101	M	100 OHM	J	1/10W
R4043	ERJ6GEYJ101	M	100 OHM	J	1/10W
R4045	ERJ6GEYJ101	M	100 OHM	J	1/10W
R4055	ERJ6GEYJ101	M	100 OHM	J	1/10W
R4056	ERJ6GEYJ101	M	100 OHM	J	1/10W
R4057	ERDS2TJ101	C	100 OHM	J	1/4W
R4066	ERJ6GEYJ331	M	330 OHM	J	1/10W
R4068	ERJ6GEYJ331	M	330 OHM	J	1/10W
R4070	ERJ6GEYJ331	M	330 OHM	J	1/10W
R4072	ERJ6GEYJ331	M	330 OHM	J	1/10W
R4801	ERDS2TJ472	C	4.7KOHM	J	1/4W
R4803	ERX12SJ2R7	M	2.7 OHM	J	1/2W
R4804	ERDS2TJ272	C	2.7KOHM	J	1/4W
R4805	ER0S2CKF1331	M	1.33KOHM	F	1/4W
R4806	ER0S2CKF3320	M	3.32KOHM	F	1/4W
R4807	ER0S2CKF1001	M	1KOHM	F	1/4W
R4808	ER0S2CKF3832	M	38.3KOHM	F	1/4W
R4809	ER0S2CKF9091	M	9.09KOHM	F	1/4W
R4810	ER0S2CKF2213	M	221KOHM	F	1/4W
R4811	ER0S2CKF5491	M	5.49KOHM	F	1/4W
R4812	ER0S2CKF5621	M	5.62KOHM	F	1/4W
R4813	ERDS1FJ220	C	22 OHM	J	1/2W
	(FOR TX-29P100X/XM)				
R4813	ERDS1FJ180	C	18 OHM	J	1/2W
	(FOR TX-33P100X/XM/XA)				
	CAPACITORS				
C001	EEANA1E1R0	E	1UF		25V
C002	EEANA1E1R0	E	1UF		25V
C003	ECA1HM330	E	33UF		50V
C004	ECJ2VF1H103Z	C	0.01UF	Z	50V
C005	ECA1CM471	E	470UF		16V
C006	ECA1CM101	E	100UF		16V
C007	ECJ2VF1H103Z	C	0.01UF	Z	50V
C008	ECA1CM101	E	100UF		16V
C009	ECJ2VF1H103Z	C	0.01UF	Z	50V
C010	ECA1CM221	E	220UF		16V
C011	ECA1HM4R7	E	4.7UF		50V
C012	ECA1HM330	E	33UF		50V
C013	ECA1CM221	E	220UF		16V
C014	ECUX1H561JCX	M	560PF	J	50V
C015	EEUNA1E220	E	22UF		25V
C016	ECJ2VF1H103Z	C	0.01UF	Z	50V
C017	ECA1CM222	E	2200UF		16V
C018	ECA1VM101	E	100UF		35V
C019	ECA1HM220	E	22UF		50V
C020	ECA1CM101	E	100UF		16V
C021	ECUX1H102ZFX	C	1000PF	Z	50V
C022	ECA1HM330	E	33UF		50V
C023	ECKF1H392KB	C	3900PF	K	50V
C024	ECA1VM470	E	47UF		35V
C025	ECA1HM220	E	22UF		50V
C026	ECA0JM102	E	1000UF		6.3V
C027	ECA1CM221	E	220UF		16V
C028	ECA0JM102	E	1000UF		6.3V
C029	ECJ2VF1H103Z	C	0.01UF	Z	50V
C030	ECA0JM222	E	2200UF		6.3V
C031	ECA1CM471	E	470UF		16V
C032	ECA1CM471	E	470UF		16V
C034	ECA1HM220	E	22UF		50V
C035	ECA1HM220	E	22UF		50V
C036	ECUX1H561JCX	M	560PF	J	50V
C037	ECJ2VF1H104Z	C	0.1UF	Z	50V
C038	ECJ2VF1H104Z	C	0.1UF	Z	50V
C040	ECJ2VF1H104Z	C	0.1UF	Z	50V

Ref. No.	Part No.	Description			
C041	ECJ2VF1H104Z	C	0.1UF	Z	50V
C042	ECJ2VF1H104Z	C	0.1UF	Z	50V
C043	ECJ2VF1H104Z	C	0.1UF	Z	50V
C044	ECJ2VF1H104Z	C	0.1UF	Z	50V
C045	ECJ2VF1H103Z	C	0.01UF	Z	50V
C046	ECA0JM222	E	2200UF		6.3V
C047	ECUX1H102ZFX	C	1000PF	Z	50V
C052	ECA1HM330	E	33UF		50V
C054	ECJ2VF1H103Z	C	0.01UF	Z	50V
C056	ECJ2VF1H103Z	C	0.01UF	Z	50V
C057	ECA1CM101	E	100UF		16V
C059	ECJ2VF1H103Z	C	0.01UF	Z	50V
C060	ECJ2VF1H103Z	C	0.01UF	Z	50V
C061	ECA1HM3R3	E	3.3UF		50V
C062	ECA1CM471	E	470UF		16V
C063	ECA1CM102	E	1000UF		16V
C065	ECA1CM101	E	100UF		16V
C067	ECA1CM221	E	220UF		16V
C068	ECA1CM101	E	100UF		16V
C069	ECJ2VF1H103Z	C	0.01UF	Z	50V
C070	ECJ2VF1H103Z	C	0.01UF	Z	50V
C071	ECEA1HN010U	E	1UF		50V
C072	ECA1HM2R2	E	2.2UF		50V
C073	EEUNA1E220	E	22UF		25V
C074	ECA1CM101	E	100UF		16V
C075	ECJ2VF1H103Z	C	0.01UF	Z	50V
C076	ECJ2VF1H103Z	C	0.01UF	Z	50V
C077	ECA1CM101	E	100UF		16V
C078	ECUX1H100DCX	C	10PF	D	50V
C079	ECUX1H100DCX	C	10PF	D	50V
C080	ECJ2VF1H104Z	C	0.1UF	Z	50V
C081	ECJ2VF1H104Z	C	0.1UF	Z	50V
C083	ECJ2VF1H104Z	C	0.1UF	Z	50V
C084	ECJ2VF1H104Z	C	0.1UF	Z	50V
C085	ECJ2VF1H104Z	C	0.1UF	Z	50V
C086	ECJ2VF1H104Z	C	0.1UF	Z	50V
C087	ECJ2VF1H104Z	C	0.1UF	Z	50V
C088	ECJ2VF1H104Z	C	0.1UF	Z	50V
C090	ECJ2VF1H104Z	C	0.1UF	Z	50V
C091	ECJ2VF1H104Z	C	0.1UF	Z	50V
C092	ECUX1H561JCX	M	560PF	J	50V
C093	TCUY1C474KBM	C	0.47UF		16V
C110	ECJ2VF1H103Z	C	0.01UF	Z	50V
C111	ECJ2VF1H103Z	C	0.01UF	Z	50V
C112	ECJ2VF1H103Z	C	0.01UF	Z	50V
C113	ECEA1HKAR22	E	0.22UF		50V
C114	ECJ2VF1H103Z	C	0.01UF	Z	50V
C115	ECEA1HKNR22	E	0.22UF		50V
C116	ECJ2VF1H103Z	C	0.01UF	Z	50V
C120	ECJ2VF1H103Z	C	0.01UF	Z	50V
C121	ECJ2VF1H103Z	C	0.01UF	Z	50V
C122	ECJ2VF1H103Z	C	0.01UF	Z	50V
C123	ECJ2VF1H103Z	C	0.01UF	Z	50V
C124	ECJ2VF1H103Z	C	0.01UF	Z	50V
C130	ECJ2VF1H103Z	C	0.01UF	Z	50V
C131	ECJ2VF1H103Z	C	0.01UF	Z	50V
C132	ECJ2VF1H103Z	C	0.01UF	Z	50V
C133	ECJ2VF1H103Z	C	0.01UF	Z	50V
C134	ECJ2VF1H103Z	C	0.01UF	Z	50V
C135	ECJ2VF1H103Z	C	0.01UF	Z	50V
C136	ECJ2VF1H103Z	C	0.01UF	Z	50V
C144	ECEA1CKA101	E	100UF		16V
C150	ECJ2VF1H103Z	C	0.01UF	Z	50V
C151	ECEA1AKA221	E	220UF		10V
C155	ECEA1CKA101	E	100UF		16V

Ref. No.	Part No.	Description			
C156	ECJ2VF1H103Z	C	0.01UF	Z	50V
C157	ECUX1H030CRX	C	3PF	C	50V
C158	ECUX1H180JCX	C	18PF	J	50V
C159	ECJ2VF1H103Z	C	0.01UF	Z	50V
C160	ECEA1CKA101	E	100UF		16V
C161	ECEA1HKNR47	E	0.47UF		50V
C162	ECUX1H681JCX	C	680PF	J	50V
C164	ECJ2VF1H103Z	C	0.01UF	Z	50V
C165	ECEA1CKA101	E	100UF		16V
C166	ECUX1H331JCX	C	330PF	J	50V
C167	ECEA1CKA101	E	100UF		16V
C182	ECJ2VF1H103Z	C	0.01UF	Z	50V
C190	ECJ2VF1H103Z	C	0.01UF	Z	50V
C191	ECJ2VF1H103Z	C	0.01UF	Z	50V
C201	ECUX1H180JRX	C	18PF	J	50V
C330	ECUX1H101JCX	C	100PF	J	50V
C352	ECKF1H103ZF	C	0.01UF	Z	50V
C353	ECA1VM470	E	47UF		35V
C354	ECKF1H223ZF	C	0.022UF	Z	50V
C355	ECQM4104KZ	P	0.1UF	K	400V
C356	ECCF1H680JC	C	68PF	J	50V
C357	ECKD2H561KB2	C	560PF	K	500V
C359	ECQV1H104JM	P	0.1UF	J	50V
C360	ECA1CM471	E	470UF		16V
C361	ECKF1H103ZF	C	0.01UF	Z	50V
C362	ECA1VM470	E	47UF		35V
C363	ECKF1H223ZF	C	0.022UF	Z	50V
C364	ECCF1H470JC	C	47PF	J	50V
C365	ECQM4104KZ	P	0.1UF	K	400V
C366	ECKD2H561KB2	C	560PF	K	500V
C371	ECKF1H103ZF	C	0.01UF	Z	50V
C372	ECA1VM470	E	47UF		35V
C373	ECKF1H223ZF	C	0.022UF	Z	50V
C374	ECCF1H390JC	C	39PF	J	50V
C375	ECQM4104KZ	P	0.1UF	K	400V
C376	ECKD2H561KB2	C	560PF	K	500V
C377	ECA2EM100	E	10UF		250V
C380	ECA1HM100	E	10UF		50V
C382	ECA1CM221	E	220UF		16V
	(FOR TX-29P100X/XM)				
C382	ECA1CM471	E	470UF		16V
	(FOR TX-33P100X/XM/XA)				
C383	ECA1CM102	E	1000UF		16V
C388	ECQB1H183JF	P	0.018UF	J	50V
C389	ECKD2H103ZF7	C	0.01UF	Z	500V
C390	ECA1HM100	E	10UF		50V
C391	ECKD3D332KBP	C	3300PF	K	2KV
C401	ECA1VM102	E	1000UF		35V
C402	ECA1HM010	E	1UF		50V
C404	ECA1HM471	E	470UF		50V
C405	ECA1EM102	E	1000UF		25V
C407	ECQB1224KF	P	0.22UF		100V
C409	ECQB1223KF	P	0.022UF	K	100V
C413	ECA1VM101	E	100UF		35V
C501	ECKF1H103ZF	C	0.01UF	Z	50V
C502	ECKF1H103ZF	C	0.01UF	Z	50V
C503	ECA1HM220	E	22UF		50V
C504	ECKF1H681KB	C	680PF	K	50V
C506	ECQV1H224JM	P	0.22UF	J	50V
C507	ECQE2224KF	P	0.22UF	K	250V
C508	ECKD3D151KBN	C	150PF	K	2KV
C509	ECKD3D271KBN	C	270PF	K	2KV
C510	ECKD2H102KB2	C	1000PF	K	500V
C511	ECKD2H102KB2	C	1000PF	K	500V
C513	ECQV1H105JM	P	1UF	J	50V

Ref. No.	Part No.	Description			
C514	ECQE2125KF	P	1.2UF		250V
C515	ECUX1H561KBX	C	560PF	K	50V
C518	ECKD3D102JBR	C	1000PF	J	2KV
C519	ECQF4223JZ	P	0.022UF	J	400V
C520	ECQF4333JZ	P	0.033UF	J	400V
C522	ECWF4364JBP	P	0.36UF	J	400V
C523	ECWH10H562JS	P	5600PF	J	1KV
C524	ECA1HM470	E	47UF		50V
C525	ECKD2H331KB2	C	330PF	K	500V
C526	ECA2EM330	E	33UF		250V
C527	ECQE1335KF	P	3.3UF	K	100V
C528	ECWH20472JVB	P	4700PF	J	2KV
C529	ECWH10H562JS	P	5600PF	J	1KV
C530	ECWH20472JVB	P	4700PF	J	2KV
	(FOR TX-29P100X/XM)				
C530	ECWH20392JVY	P	3900PF	J	2KV
	(FOR TX-33P100X/XM/XA)				
C531	ECKD2H103ZF7	C	0.01UF	Z	500V
C532	ECKF1H472KB	C	4700PF	K	50V
C533	ECWF4364JBP	P	0.36UF	J	400V
C534	ECKD3D561JBP	C	560PF	J	2KV
C535	ECKD3D561JBP	C	560PF	J	2KV
C536	ECWF4474JBP	P	0.47UF	J	400V
C537	ECKD3A561KBP	C	560PF	K	1KV
C539	ECEA2CNR47S	E	0.47UF		160V
C540	ECA1EHG102	E	1000UF		25V
C541	ECWF4474JBP	P	0.47UF	J	400V
C542	ECA1EHG102	E	1000UF		25V
C543	ECKD2H471KB2	C	470PF	K	500V
C571	ECCF1H151J	C	150PF	J	50V
C574	ECKF1H562KB	C	5600PF	K	50V
C575	ECQB1H221KF	P	220PF	K	50V
C576	ECA1HM101	E	100UF		50V
C578	ECQB1H152JF	P	1500PF	J	50V
C580	ECKD2H561KB2	C	560PF	K	500V
C581	ECKD2H561KB2	C	560PF	K	500V
C582	ECQM4104KZ	P	0.1UF	K	400V
C605	ECA1CM472	E	4700UF		16V
C606	ECA1CM102	E	1000UF		16V
C607	ECA1CM221	E	220UF		16V
C608	ECA1CM221	E	220UF		16V
C609	ECA1CM221	E	220UF		16V
C702	ECA1CHG471	E	470UF		16V
C704	ECQB1H103JF	P	0.01UF	J	50V
C705	ECQB1H103JF	P	0.01UF	J	50V
C707	ECQB1H103JF	P	0.01UF	J	50V
C708	ECEA1HN3R3U	E	3.3UF		50V
C709	ECQB1H153JF	P	0.015UF	J	50V
C710	ECQB1H333JF	P	0.033UF	J	50V
C711	ECA1HM010	E	1UF		50V
C712	ECQB1H153JF	P	0.015UF	J	50V
C713	ECQK1222JZ	P	2200PF	J	100V
C714	ECSF1EE225V	T	2.2UF		25V
C715	ECA1CM331	E	330UF		16V
C716	ECQB1H103JF	P	0.01UF	J	50V
C717	ECQV1H154JM	P	0.15UF	J	50V
C718	ECQV1H104JM	P	0.1UF	J	50V
C719	ECQB1H333JF	P	0.033UF	J	50V
C720	EEANA1E100	E	10UF		25V
C721	ECQB1H222JF	P	2200PF	J	50V
C724	ECQB1H332JF	P	3300PF	J	50V
C725	ECKD3A151KBP	C	150PF	K	1KV
C726	ECKD3D151KBN	C	150PF	K	2KV
C727	ECKD3D272KBP	C	2700PF	K	2KV
C728	ECKD3D122KBR	C	1200PF	K	2KV
C729	ECKD3D102KBR	C	1000PF	K	2KV

Ref. No.	Part No.	Description			
C730	ECKD3D471KBN	C	470PF	K	2KV
C731	ECKD3D331KBR	C	330PF	K	2KV
C732	ECEA160V33Z	E	33UF		160V
C733	ECA1HM010	E	1UF		50V
C734	ECKD3D151KBN	C	150PF	K	2KV
C735	ECQM6223JZ	P	0.022UF	J	600V
C736	ECQM4223JZ	P	0.022UF	J	400V
C801	ECA1CM221	E	220UF		16V
C803	ECA1CM101	E	100UF		16V
C804	ECKD2H472KBC	C	4700PF	K	500V
C806	ECA1EM222	E	2200UF		25V
C807	ECA1CM101	E	100UF		16V
C808	ECA2WM4R7	E	4.7UF		450V
C809	ECA2WM4R7	E	4.7UF		450V
C810	ECA1HM100	E	10UF		50V
C812	ECQE6224KF	P	0.22UF	K	630V
C813	ECA1HM4R7	E	4.7UF		50V
C814	EC0S2EB102DB	E	1000UF		250V
C815	EC0S2EB102DB	E	1000UF		250V
C816	ECQV1H104JM	P	0.1UF	J	50V
C817	ECA1HM4R7	E	4.7UF		50V
C818	ECA2WM4R7	E	4.7UF		450V
C819	ECQB1H473JF	P	0.047UF	J	50V
C820	ECA1VM221	E	220UF		35V
C821	ECKF1H102KB	C	1000PF	K	50V
C822	ECQV1H823JM	P	0.082UF	J	50V
C823	ECKDAE472ZE	C	4700PF	Z	
C824	ECKDAE472ZE	C	4700PF	Z	
C825	ECKDAE472ZE	C	4700PF	Z	
C826	ECKDAE472ZE	C	4700PF	Z	
C827	ECKF1H101KB	C	100PF	K	50V
C828	ECKD3D681KBP	C	680PF	K	2KV
C829	ECKD2H102KB2	C	1000PF	K	500V
C830	ECKD3A472KBP	C	4700PF	K	1KV
C831	ECKD3A472KBP	C	4700PF	K	1KV
C832	ECKD3D821KBP	C	820PF	K	2KV
C835	ECKD3D102KBP	C	1000PF	K	2KV
C836	ECQV1H104JM	P	0.1UF	J	50V
C838	ECKD2H102KB2	C	1000PF	K	500V
C839	ECKF1H103ZF	C	0.01UF	Z	50V
C840	ECA1CM221	E	220UF		16V
C841	ECQB1H681JF	P	680PF	J	50V
C842	ECA1HM010	E	1UF		50V
⚠ C843	ECKCNA471MBB	C	470PF	M	
C844	ECQB1H393JF	P	0.039UF	J	50V
⚠ C845	ECKCNA471MBB	C	470PF	M	
C846	ECKD3A392KBN	C	3900PF	K	1KV
C847	ECKD2H561KB2	C	560PF	K	500V
C848	ECKD2H471KB2	C	470PF	K	500V
C850	ECA1EM222	E	2200UF		25V
C851	ECKD3D102KBP	C	1000PF	K	2KV
C852	ECQB1223JF	P	0.022UF	J	100V
C853	ECQB1223JF	P	0.022UF	J	100V
C856	ECA1HM102	E	1000UF		50V
C857	ECKD2H271KB2	C	270PF	K	500V
C858	EC0S2CA331BB	E	330UF		160V
C859	ECQV1H104JM	P	0.1UF	J	50V
C860	ECA1HM100	E	10UF		50V
C861	ECKD2H471KB2	C	470PF	K	500V
C862	ECA1HM101	E	100UF		50V
C863	ECA1HM102	E	1000UF		50V
C864	ECKD2H821KB2	C	820PF	K	500V
C865	EC0S2CA331BB	E	330UF		160V
C866	ECA1CM222	E	2200UF		16V
C867	ECA1EHG222	E	2200UF		25V
C868	ECA1CM222	E	2200UF		16V
C869	ECA1HM100	E	10UF		50V
C872	ECKF1H101KB	C	100PF	K	50V
C874	ECA1CHG101	E	100UF		50V
C878	ECKD3D681KBP	C	680PF	K	2KV
C879	ECCD3D330KGE	C	33PF	K	2KV
⚠ C891	ECQU2A224MN	P	0.22UF	M	250V
⚠ C892	ECKCNA222MEB	C	2200PF	M	
⚠ C893	ECKCNA332MEB	C	3300PF	M	
⚠ C894	ECKCNA222MEB	C	2200PF	M	
⚠ C895	ECQU2A224MN	P	0.22UF	M	250V
⚠ C896	ECQU2A224MN	P	0.22UF	M	250V
⚠ C897	ECQU2A683MN	P	0.068UF	M	250V
C901	EEANA1E100	E	10UF		25V
C902	ECA1CM101	E	100UF		16V
C907	ECKF1H391KB	C	390PF	K	50V
C932	ECA1VM101	E	100UF		35V
C952	ECA1VM101	E	100UF		35V
C955	ECQB1103JF	P	0.01UF	J	100V
C958	ECA2CM100	E	10UF		160V
C959	ECQB1103JF	P	0.01UF	J	100V
C960	ECKF1H221KB	C	220PF	K	50V
C961	ECA2CM100	E	10UF		160V
C962	ECQM4472JZ	P	4700PF	J	400V
C963	ECKF1H221KB	C	220PF	K	50V
C964	ECA1CHG101	E	100UF		50V
C966	ECA1CM101	E	100UF		16V
C967	ECA1CHG471	E	470UF		16V
C974	ECA1VM101	E	100UF		35V
C1001	ECJ2VF1H103Z	C	0.01UF	Z	50V
C1002	ECA1CM101	E	100UF		16V
C1040	ECQB1H223JF	P	0.022UF	J	50V
C1041	ECA1HM470	E	47UF		50V
C1043	ECA1HM470	E	47UF		50V
C1044	ECKF1H103ZF	C	0.01UF	Z	50V
C1046	ECA1CM221	E	220UF		16V
C1047	ECEA1HN010U	E	1UF		50V
C1048	EEANA1E1R0	E	1UF		25V
C1050	ECKF1H103ZF	C	0.01UF	Z	50V
C1051	ECKF1H103ZF	C	0.01UF	Z	50V
C1101	ECA1VM470	E	47UF		35V
C1102	ECUX1H101JCX	C	100PF	J	50V
C1103	ECUX1H101JCX	C	100PF	J	50V
C1104	ECA1HM220	E	22UF		50V
C1106	ECUX1H181JCX	C	180PF	J	50V
C1107	ECA1HMR47	E	0.47UF		50V
C1108	ECA1HM010	E	1UF		50V
C1109	ECUX1H101JCX	C	100PF	J	50V
C1110	ECJ2VF1H103Z	C	0.01UF	Z	50V
C1112	ECA0JM102	E	1000UF		6.3V
C1113	ECJ2VF1H103Z	C	0.01UF	Z	50V
C1114	ECA1HM4R7	E	4.7UF		50V
C1118	ECA1HM010	E	1UF		50V
C1119	ECJ2VF1H103Z	C	0.01UF	Z	50V
C1120	ECJ2VF1H103Z	C	0.01UF	Z	50V
C1121	ECJ2VF1H103Z	C	0.01UF	Z	50V
C1123	ECUX1H272KBX	C	2700PF	K	50V
C1124	ECQV1H104JM	P	0.1UF	J	50V
C1128	ECUX1H220JCX	C	22PF	J	50V
C1129	ECUX1H270JCX	C	27PF	J	50V
C1130	ECA1CM331	E	330UF		16V
C1131	ECQB1H223JF	P	0.022UF	J	50V
C1132	ECJ2VF1H103Z	C	0.01UF	Z	50V
C1133	ECA1HM220	E	22UF		50V
C1138	ECA1HM100	E	10UF		50V

Ref. No.	Part No.	Description			
C1141	ECJ2VF1H103Z	C	0.01UF	Z	50V
C1142	ECJ2VF1H103Z	C	0.01UF	Z	50V
C1143	ECA1CM471	E	470UF		16V
C1144	ECA1CM471	E	470UF		16V
C1303	ECJ1VB1H103K	C	0.01UF	K	50V
C1304	ECUX1H330JCV	C	33PF	J	50V
C1305	ECUX1H390JCV	C	39PF	J	50V
C1306	ECUX1H680JCV	C	68PF	J	50V
C1307	ECUX1H680JCV	C	68PF	J	50V
C1308	ECJ1VB1H103K	C	0.01UF	K	50V
C1309	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1311	ECUX1H221JCV	C	220PF	J	50V
C1312	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1313	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1315	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1316	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1317	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1318	ECEV1CG220NP	E	22UF		16V
C1319	ECJ1VB1H102K	C	1000PF	K	50V
C1320	ECUX1H030CCV	C	3PF	C	50V
C1321	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1322	ECUX1H151JCV	C	150PF	J	50V
C1323	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1324	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1325	ECUX1H030CCV	C	3PF	C	50V
C1326	ECJ1VB1H102K	C	1000PF	K	50V
C1327	ECJ1VF1H473Z	C	0.047UF	Z	50V
C1328	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1329	ECUX1H030CCV	C	3PF	C	50V
C1330	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1331	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1332	ECUX1H030CCV	C	3PF	C	50V
C1333	ECUX1H151JCV	C	150PF	J	50V
C1334	ECJ1VF1H473Z	C	0.047UF	Z	50V
C1336	ECUX1H330JCV	C	33PF	J	50V
C1337	ECUX1H680JCV	C	68PF	J	50V
C1338	ECUX1H221JCV	C	220PF	J	50V
C1340	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1341	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1342	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1343	ECJ1VB1H103K	C	0.01UF	K	50V
C1344	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1345	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1346	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1347	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1349	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1350	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1351	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1352	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1353	ECUX1H271JCV	C	270PF	J	50V
C1354	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1355	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1356	ECUX1H101JCV	C	100PF	J	50V
C1357	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1358	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1359	TCUY0J335MBM	C	3.3UF		6.3V
C1360	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1361	TCUY0J335MBM	C	3.3UF		6.3V
C1362	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1363	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1365	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1366	TCUY0J335MBM	C	3.3UF		6.3V
C1367	TCUY0J335MBM	C	3.3UF		6.3V
C1369	ECEV1CG100NP	E	10UF		16V
C1370	ECEV1CG100NP	E	10UF		16V
C1371	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1372	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1373	ECUX1H271JCV	C	270PF	J	50V
C1374	ECJ1VF1H103Z	C	0.01UF	Z	50V
C1376	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1377	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1378	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1379	ECUX1H150JCV	C	15PF	J	50V
C1380	ECEV0JG101GP	E	100UF		6.3V
C1381	ECUX1H150JCV	C	15PF	J	50V
C1383	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1384	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1385	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1386	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1387	ECHU1C104GB5	P	0.1U	F	16
C1388	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1389	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1390	ECUX1H102JCV	C	1000PF	J	50V
C1391	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1392	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1393	ECEV1CG100GR	E	10UF		16V
C1394	ECJ2VB1C224K	C	0.22UF	K	16V
C1396	ECJ1VF1H103Z	C	0.01UF	Z	50V
C1397	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1398	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1399	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1401	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1402	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1403	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1404	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1407	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1408	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1409	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1410	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1412	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1413	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1414	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1416	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1417	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1418	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1419	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1420	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1421	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1422	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1423	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1424	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1425	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1427	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1428	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1429	ECUX1H390JCV	C	39PF	J	50V
C1432	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1433	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1434	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1435	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1436	ECUX1H680JCV	C	68PF	J	50V
C1437	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1438	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1439	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1440	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1441	TCUY0J335MBM	C	3.3UF		6.3V
C1442	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1443	ECJ1VF1H103Z	C	0.01UF	Z	50V
C1444	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1445	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1446	ECJ1VF1C104Z	C	0.1UF	Z	16V

Ref. No.	Part No.	Description			
C1447	TCUY0J335MBM	C	3.3UF		6.3V
C1448	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1449	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1450	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1451	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1452	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1453	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1454	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1456	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1457	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1458	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1459	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1460	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1462	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1463	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1465	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1466	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1468	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1469	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1470	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1471	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1472	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1473	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1474	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1475	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1476	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1477	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1478	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1479	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1480	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1481	ECJ1VF1C104Z	C	0.1UF	Z	16V
C1482	ECEV0JG101GP	E	100UF		6.3V
C1483	ECEV1CG100GR	E	10UF		16V
C1484	ECEV0JG101GP	E	100UF		6.3V
C1485	ECEV1CG100GR	E	10UF		16V
C1486	ECEV0JG101GP	E	100UF		6.3V
C1488	ECEV0JG101GP	E	100UF		6.3V
C1489	ECEV0JG101GP	E	100UF		6.3V
C1490	ECEV0JG101GP	E	100UF		6.3V
C1504	ECEV1CG470GP	E	47UF		16V
C1508	ECEV0JG101GP	E	100UF		6.3V
C1510	ECEV0JG101GP	E	100UF		6.3V
C1511	ECEV0JG101GP	E	100UF		6.3V
C1512	ECEV0JG101GP	E	100UF		6.3V
C1513	ECEV0JG101GP	E	100UF		6.3V
C1514	ECEV0JG101GP	E	100UF		6.3V
C1515	ECEV1HGR33NR	E	0.33UF		50V
C1518	ECEV1HGR33NR	E	0.33UF		50V
C1519	ECEV1CG220NP	E	22UF		16V
C1520	ECEV1CG4R7NR	E	4.7UF		16V
C1521	TCUY1C334KBM	C	0.33UF		16V
C2001	ECA1HM100	E	10UF		50V
C2002	ECJ2VF1H104Z	C	0.1UF	Z	50V
C2003	ECJ2VF1H104Z	C	0.1UF	Z	50V
C2004	ECUX1H102JCX	C	1000PF	J	50V
C2007	ECUX1H102JCX	C	1000PF	J	50V
C2008	ECUX1H102JCX	C	1000PF	J	50V
C2017	ECA1HM100	E	10UF		50V
C2018	ECA1HM100	E	10UF		50V
C2019	ECA1CM101	E	100UF		16V
C2020	ECJ2VF1H104Z	C	0.1UF	Z	50V
C2021	ECJ2VF1H104Z	C	0.1UF	Z	50V
C2022	ECA1HM3R3	E	3.3UF		50V
C2025	ECUX1H221JCX	C	220PF	J	50V
C2026	ECUX1H221JCX	C	220PF	J	50V
C2027	ECUX1H221JCX	C	220PF	J	50V
C2028	ECUX1H221JCX	C	220PF	J	50V
C2029	ECUX1H221JCX	C	220PF	J	50V
C2030	ECUX1H221JCX	C	220PF	J	50V
C2031	ECJ2VF1H104Z	C	0.1UF	Z	50V
C2032	ECA1HM100	E	10UF		50V
C2033	ECUX1H221JCX	C	220PF	J	50V
C2034	ECUX1H070DCX	C	7PF	D	50V
C2035	ECUX1H560JCX	C	56PF	J	50V
C2036	ECUX1H100DCX	C	10PF	D	50V
C2037	ECUX1H220JCX	C	22PF	J	50V
C2039	ECJ2VF1H104Z	C	0.1UF	Z	50V
C2042	ECJ2VF1H104Z	C	0.1UF	Z	50V
C2043	ECA1HM100	E	10UF		50V
C2044	ECUX1H010CPX	C	1PF	C	50V
C2045	ECUX1H010CCX	C	1PF	C	50V
C2048	ECUX1H102JCX	C	1000PF	J	50V
C2049	ECUX1H102JCX	C	1000PF	J	50V
C2060	ECUX1H102KBX	C	1000PF	K	50V
C2250	ECA1VM221	E	220UF		35V
C2251	EEUNA1E220	E	22UF		25V
C2252	EEUNA1E220	E	22UF		25V
C2254	ECKF1H103ZF	C	0.01UF	Z	50V
C2255	ECA1CM471	E	470UF		16V
C2256	ECQV1H104JM	P	0.1UF	J	50V
C2257	ECA1HM100	E	10UF		50V
C2258	ECA1HM100	E	10UF		50V
C2259	ECA1HM220	E	22UF		50V
C2260	ECA1HM100	E	10UF		50V
C2261	ECKF1H472ZF	C	4700PF	Z	50V
C2262	ECA1HM100	E	10UF		50V
C2263	ECA1HM100	E	10UF		50V
C2265	ECKF1H102KB	C	1000PF	K	50V
C2266	ECKF1H102KB	C	1000PF	K	50V
C2267	ECKF1H102KB	C	1000PF	K	50V
C2268	ECKF1H102KB	C	1000PF	K	50V
C2269	ECKF1H102KB	C	1000PF	K	50V
C2270	ECKF1H102KB	C	1000PF	K	50V
C2271	ECKF1H102KB	C	1000PF	K	50V
C2272	ECKF1H102KB	C	1000PF	K	50V
C2273	ECKF1H102KB	C	1000PF	K	50V
C2274	ECKF1H102KB	C	1000PF	K	50V
C2275	ECKF1H102KB	C	1000PF	K	50V
C2276	ECKF1H102KB	C	1000PF	K	50V
C2301	ECQV1H154JM	P	0.15UF	J	50V
C2302	ECA1VM222	E	2200UF		35V
C2303	ECQV1H474JM	P	0.47UF	J	50V
C2304	ECUX1H561KCX	C	560PF	K	50V
C2305	ECJ3VB1H104K	C	0.1UF	K	50V
C2306	ECUX1H472KBX	C	4700PF	K	50V
C2307	ECUX1H101JCX	C	100PF	J	50V
C2308	ECUX1H562KBX	C	5600PF	K	50V
C2309	ECJ3VB1H104K	C	0.1UF	K	50V
C2310	ECUX1H682KBX	C	6800PF	K	50V
C2311	ECA1HM2R2	E	2.2UF		50V
C2312	EEUFC1J471	E	470UF		63V
C2313	ECJ2VF1H104Z	C	0.1UF	Z	50V
C2315	ECJ2VF1H104Z	C	0.1UF	Z	50V
C2316	ECJ2VF1H104Z	C	0.1UF	Z	50V
C2317	ECA1HM221	E	220UF		50V
C2318	ECA1VM222	E	2200UF		35V
C2319	ECJ2VF1H103Z	C	0.01UF	Z	50V
C2320	EEUFC1J471	E	470UF		63V
C2321	ECA1HM470	E	47UF		50V
C2322	ECJ2VF1H103Z	C	0.01UF	Z	50V

Ref. No.	Part No.	Description			
C2323	ECQV1H154JM	P	0.15UF	J	50V
C2324	ECQV1H684JM	P	0.68UF	J	50V
C2325	ECUX1H561KCX	C	560PF	K	50V
C2326	ECJ3VB1H104K	C	0.1UF	K	50V
C2327	ECUX1H472KBX	C	4700PF	K	50V
C2328	ECUX1H101JCX	C	100PF	J	50V
C2329	ECUX1H562KBX	C	5600PF	K	50V
C2330	ECJ3VB1H104K	C	0.1UF	K	50V
C2331	ECUX1H682KBX	C	6800PF	K	50V
C2332	ECA1HM2R2	E	2.2UF		50V
C2333	ECJ2VF1H103Z	C	0.01UF	Z	50V
C2334	ECJ2VF1H104Z	C	0.1UF	Z	50V
C2336	ECJ2VF1H104Z	C	0.1UF	Z	50V
C2337	ECA1HM221	E	220UF		50V
C2338	ECA1VM222	E	2200UF		35V
C2339	ECJ2VF1H104Z	C	0.1UF	Z	50V
C2340	ECJ2VF1H103Z	C	0.01UF	Z	50V
C2342	ECEA1HN100U	E	10UF		50V
C2343	ECEA1HN100U	E	10UF		50V
C2344	ECQB1H103JF	P	0.01UF	J	50V
C2345	ECUX1H560JCX	C	56PF	J	50V
C2346	ECUX1H560JCX	C	56PF	J	50V
C2347	ECQB1H103JF	P	0.01UF	J	50V
C2348	ECQV1H154JM	P	0.15UF	J	50V
C2349	ECA1HM100	E	10UF		50V
C2350	ECA1CM471	E	470UF		16V
C2351	ECA1HM101	E	100UF		50V
C2421	ECUX1H562KBX	C	5600PF	K	50V
C2422	ECUX1H561KCX	C	560PF	K	50V
C2423	ECA1HM100	E	10UF		50V
C2424	ECA1HM4R7	E	4.7UF		50V
C2425	ECJ2VF1H104Z	C	0.1UF	Z	50V
C2426	ECA1CM101	E	100UF		16V
C2427	ECA1HM4R7	E	4.7UF		50V
C2428	ECJ2VF1H683Z	C	0.068UF	Z	50V
C2429	ECA1HM2R2	E	2.2UF		50V
C2430	ECA1HM2R2	E	2.2UF		50V
C2431	ECA1HM010	E	1UF		50V
C2433	EEANA1E4R7	E	4.7UF		25V
C2434	EEANA1E1R0	E	1UF		25V
C2435	ECQV1H823JM	P	0.082UF	J	50V
C2436	ECJ2VB1H393K	C	0.039UF	K	50V
C2437	ECA1HM4R7	E	4.7UF		50V
C2438	ECUX1H561KCX	C	560PF	K	50V
C2439	ECJ2VF1H683Z	C	0.068UF	Z	50V
C2440	ECUX1H561JCX	M	560PF	J	50V
C2441	ECJ2VF1H683Z	C	0.068UF	Z	50V
C2442	ECA1CM221	E	220UF		16V
C2443	ECUX1H101JCX	C	100PF	J	50V
C2444	ECA1HM2R2	E	2.2UF		50V
C2445	ECJ2VF1H103Z	C	0.01UF	Z	50V
C2446	ECA1HM010	E	1UF		50V
C2447	ECUX1H223KBX	C	0.022UF	K	50V
C2449	ECA1HM010	E	1UF		50V
G2451	ECA1HM010	E	1UF		50V
C2453	EEANA1E4R7	E	4.7UF		25V
C2455	EEUNA1E220	E	22UF		25V
C2457	EEANA1E4R7	E	4.7UF		25V
C2458	EEANA1E4R7	E	4.7UF		25V
C2523	ECA1HM100	E	10UF		50V
C2524	ECUX1H103KBX	C	0.01UF	K	50V
C2525	ECA1VM470	E	47UF		35V
C2526	ECA1HM100	E	10UF		50V
C2527	ECA1VM470	E	47UF		35V
C2528	ECA1EM222	E	2200UF		25V

Ref. No.	Part No.	Description			
C2529	ECJ2VF1H103Z	C	0.01UF	Z	50V
C2530	ECQV1H224JM	P	0.22UF	J	50V
C2531	ECQV1H224JM	P	0.22UF	J	50V
C2532	ECA1VM221	E	220UF		35V
C2533	ECUX1H153KBX	C	0.015UF	K	50V
C2534	ECA1HM100	E	10UF		50V
C2535	ECA1HM4R7	E	4.7UF		50V
C2536	ECA1VM470	E	47UF		35V
C2537	ECA1HM100	E	10UF		50V
C2539	ECUX1H562KBX	C	5600PF	K	50V
C2541	ECQV1H124JM	P	0.12UF	J	50V
C2542	ECQB1H473JF	P	0.047UF	J	50V
C2543	ECJ2VB1H333K	C	0.033UF	K	50V
C2544	ECUX1H681KBX	C	680PF	K	50V
C2545	ECA1HM100	E	10UF		50V
C2546	ECUX1H153KBX	C	0.015UF	K	50V
C2547	EEANA1E100	E	10UF		25V
C2548	ECA1HM4R7	E	4.7UF		50V
C2549	ECA1VM470	E	47UF		35V
C2550	ECA1HM100	E	10UF		50V
C2552	ECUX1H562KBX	C	5600PF	K	50V
C2554	ECQV1H124JM	P	0.12UF	J	50V
C2555	ECQB1H473JF	P	0.047UF	J	50V
C2556	ECJ2VB1H333K	C	0.033UF	K	50V
C2557	ECUX1H681KBX	C	680PF	K	50V
C2558	ECA1HM100	E	10UF		50V
C2560	ECA1VM470	E	47UF		35V
C2561	ECA1VM470	E	47UF		35V
C3001	ECKF1H102KB	C	1000PF	K	50V
C3002	ECKF1H561KB	C	560PF	K	50V
C3003	ECA1HMR47	E	0.47UF		50V
C3004	ECKF1H102KB	C	1000PF	K	50V
C3005	ECA1HM010	E	1UF		50V
C3006	ECA1VM470	E	47UF		35V
C3007	ECA1HMR47	E	0.47UF		50V
C3009	ECKF1H103ZF	C	0.01UF	Z	50V
C3013	ECQV1H104JM	P	0.1UF	J	50V
C3014	ECKF1H102KB	C	1000PF	K	50V
C3016	ECKF1H561KB	C	560PF	K	50V
C3017	ECUX1H102KBX	C	1000PF	K	50V
C3018	ECUX1H102KBX	C	1000PF	K	50V
C3019	ECUX1H102KBX	C	1000PF	K	50V
C3020	ECA1HMR47	E	0.47UF		50V
C3021	ECKF1H102KB	C	1000PF	K	50V
C3022	ECUX1H102KBX	C	1000PF	K	50V
C3023	ECA1HM220	E	22UF		50V
C3025	ECA1VM470	E	47UF		35V
C3026	ECA1HM010	E	1UF		50V
C3027	ECA1HM010	E	1UF		50V
C3028	ECA1HM220	E	22UF		50V
C3029	ECA1HM010	E	1UF		50V
C3030	ECA1VM470	E	47UF		35V
C3031	ECUX1H102KBX	C	1000PF	K	50V
C3032	ECA1HMR47	E	0.47UF		50V
C3033	ECA1HM010	E	1UF		50V
C3034	ECA1HM220	E	22UF		50V
C3035	ECKF1H103ZF	C	0.01UF	Z	50V
C3036	ECA1HM010	E	1UF		50V
C3037	ECA1HM220	E	22UF		50V
C3038	ECA1CM221	E	220UF		16V
C3039	ECUX1H102KBX	C	1000PF	K	50V
C3040	ECA1HM010	E	1UF		50V
C3043	ECJ2VF1H103Z	C	0.01UF	Z	50V
C3044	ECA1HM010	E	1UF		50V
C3045	ECUX1H102KBX	C	1000PF	K	50V

Ref. No.	Part No.	Description			
C3046	ECUX1H102KBX	C	1000PF	K	50V
C3048	ECUX1H102KBX	C	1000PF	K	50V
C3049	ECUX1H102KBX	C	1000PF	K	50V
C3050	ECA1HM010	E	1UF		50V
C3051	ECA1HM010	E	1UF		50V
C3054	ECA1HM220	E	22UF		50V
C3059	ECA1CM101	E	100UF		16V
C3060	EEANA1E1R0	E	1UF		25V
C3062	ECA1HM010	E	1UF		50V
C3063	ECA1HM010	E	1UF		50V
C3065	EEANA1E1R0	E	1UF		25V
C3067	ECA1CM221	E	220UF		16V
C3068	ECA1CM221	E	220UF		16V
C3071	EEANA1E1R0	E	1UF		25V
C3072	ECJ2VF1H103Z	C	0.01UF	Z	50V
C3073	ECUX1H561JCX	M	560PF	J	50V
C3074	ECUX1H561JCX	M	560PF	J	50V
C3075	ECUX1H561JCX	M	560PF	J	50V
C3076	ECUX1H561JCX	M	560PF	J	50V
C3077	ECUX1H561JCX	M	560PF	J	50V
C3078	ECUX1H561JCX	M	560PF	J	50V
C3079	ECUX1H561JCX	M	560PF	J	50V
C3080	ECUX1H561JCX	M	560PF	J	50V
C3081	ECUX1H561JCX	M	560PF	J	50V
C3082	ECUX1H561JCX	M	560PF	J	50V
C3083	ECUX1H561JCX	M	560PF	J	50V
C3084	ECUX1H561JCX	M	560PF	J	50V
C3085	ECUX1H561JCX	M	560PF	J	50V
C3086	ECUX1H561JCX	M	560PF	J	50V
C3087	ECUX1H561JCX	M	560PF	J	50V
C3088	ECUX1H561JCX	M	560PF	J	50V
C3089	ECA1HM220	E	22UF		50V
C3501	ECA1CM221	E	220UF		16V
C3502	ECJ2VF1H103Z	C	0.01UF	Z	50V
C3506	EEUNA1E220	E	22UF		25V
C3509	EEUNA1E220	E	22UF		25V
C3514	EEUNA1E220	E	22UF		25V
C3551	EEUNA1E220	E	22UF		25V
C3552	EEUNA1E220	E	22UF		25V
C3553	EEUNA1E220	E	22UF		25V
C3554	ECA1CM221	E	220UF		16V
C3555	ECJ2VF1H103Z	C	0.01UF	Z	50V
C3559	ECUX1H151JCX	C	150PF	J	50V
C3560	ECA1CM471	E	470UF		16V
C3561	ECJ2VF1H103Z	C	0.01UF	Z	50V
C3562	ECA1HM100	E	10UF		50V
C3563	ECJ2VF1H103Z	C	0.01UF	Z	50V
C3564	ECUX1H101JCX	C	100PF	J	50V
C3565	ECUX1H220JCX	C	22PF	J	50V
C3566	ECUX1H220JCX	C	22PF	J	50V
C3567	ECA1HM100	E	10UF		50V
C3568	ECJ2VF1H103Z	C	0.01UF	Z	50V
C3569	ECJ2VF1H103Z	C	0.01UF	Z	50V
C3570	ECA1HM100	E	10UF		50V
C3573	ECJ3VB1C474K	C	0.47UF	K	16V
C3577	ECJ2VB1H333K	C	0.033UF	K	50V
C3578	ECJ2VF1H103Z	C	0.01UF	Z	50V
C3579	ECJ2VF1H104Z	C	0.1UF	Z	50V
C3580	ECUX1H101JCX	C	100PF	J	50V
C3581	ECA1HM100	E	10UF		50V
C3582	ECA1CM101	E	100UF		16V
C4001	ECJ2VF1H103Z	C	0.01UF	Z	50V
C4002	ECJ2VF1H103Z	C	0.01UF	Z	50V
C4003	ECEA1HN4R7U	E	4.7UF		50V
C4004	ECUX1H223KBX	C	0.022UF	K	50V

Ref. No.	Part No.	Description			
C4005	ECUX1H472ZFX	C	4700PF	Z	50V
C4006	ECEA1HN010U	E	1UF		50V
C4007	ECEA1HN4R7U	E	4.7UF		50V
C4009	ECA1HM470	E	47UF		50V
C4010	ECJ2VF1H683Z	C	0.068UF	Z	50V
C4011	ECEA1HN4R7U	E	4.7UF		50V
C4012	ECA1HM100	E	10UF		50V
C4013	ECJ2VF1H103Z	C	0.01UF	Z	50V
C4014	ECQB1H681JF	P	680PF	J	50V
C4015	ECJ2VF1H103Z	C	0.01UF	Z	50V
C4016	ECA1VM470	E	47UF		35V
C4017	ECJ2VF1H103Z	C	0.01UF	Z	50V
C4018	ECUX1H470JCX	C	47PF	J	50V
C4019	ECUX1H101JCX	C	100PF	J	50V
C4023	ECJ2VF1H103Z	C	0.01UF	Z	50V
C4801	ECA1HM4R7	E	4.7UF		50V
C4802	ECA1HM4R7	E	4.7UF		50V
C4803	ECQV1H334JM	P	0.33UF	J	50V
C4804	ECQV1H334JM	P	0.33UF	J	50V
C4805	ECA1VM470	E	47UF		35V
	OTHERS				
A1	TJSF20016	16P CONNECTOR			
A2	TJSF20016	16P CONNECTOR			
A3	TJSF20016	16P CONNECTOR			
A4	TJS3A9650	4P CONNECTOR			
A6	TJS1A8130	PHONO PIN (7P)			
A7	TJSF18905	5P CONNECTOR			
A8	TJS5A9190	10P CONNECTOR			
A9	TJS5A9190	10P CONNECTOR			
A10	TJS5A9190	10P CONNECTOR			
A11	TJSF17335	CONNECTOR			
A12	TJS5A9420	8P CONNECTOR			
A13	TJS5A9190	10P CONNECTOR			
A14	TJS3A9640	3P CONNECTOR			
A15	TJS3A9880	8P CONNECTOR			
A20	TJS3A9640	3P CONNECTOR			
A24	TJS5A9420	8P CONNECTOR			
A25	TJS5A9420	8P CONNECTOR			
A26	TJS5A9420	8P CONNECTOR			
A30	TJS3A9640	3P CONNECTOR			
A31	TJS5A9420	8P CONNECTOR			
A32	TJS5A9420	8P CONNECTOR			
A33	TJS3A9880	8P CONNECTOR			
A40	TJS3A9640	3P CONNECTOR			
A41	TJS3A9640	3P CONNECTOR			
A44	TJSF19670	70P CONNECTOR			
A46	TJS3A9640	3P CONNECTOR			
B1	TJS3A9140	CONNECTOR			
B2	TJS3A9140	CONNECTOR			
B3	TJS3A9140	CONNECTOR			
B4	TJS1A8090	PHONO PIN (3P)			
D1	TJSF19916	16P CONNECTOR			
D2	TJSF19916	16P CONNECTOR			
D3	TJSF19916	16P CONNECTOR			
D6	TJS5A9420	8P CONNECTOR			
D7	TJS5A9420	8P CONNECTOR			
D8	TJS5A9420	8P CONNECTOR			
G1	TJSF18805	5P CONNECTOR			
G2	TJS5A9180	10P PLUG			
G3	TJS5A9180	10P PLUG			
G4	TJS5A9180	10P PLUG			
G5	TJS5A9180	10P PLUG			
G6	TJS3A9640	3P CONNECTOR			
G7	TJSF19916	16P CONNECTOR			
G8	TJS3A9670	6P CONNECTOR			

Ref. No.	Part No.	Description
G9	TJS3A9650	4P CONNECTOR
H1	TJSF17435	35P CONNECTOR
H2	TJS3A9140	CONNECTOR
K1	TJSF20016	16P CONNECTOR
K2	TJS3A9640	3P CONNECTOR
K3	TJS3A9640	3P CONNECTOR (FOR TX-29P100X/XM)
K3	TJS3A9650	4P CONNECTOR (FOR TX-33P100X/XM/XA)
L1	TJS3A9880	8P CONNECTOR
L2	TJS3A9640	3P CONNECTOR
L3	TJS3A9670	6P CONNECTOR
L4	TJS3A9650	4P CONNECTOR
P4	TJS3A9640	3P CONNECTOR
T1	TJS3A9150	CONNECTOR
T2	TJS3A9150	CONNECTOR
T3	TJS1A8110	TELEPHON JACK (5P)
X1	TJS3A9140	CONNECTOR
X2	TJS3A9140	CONNECTOR
X3	TJS3A9140	CONNECTOR
X4	TJS3A9670	6P CONNECTOR
Z1	TJS3A9880	8P CONNECTOR
⚠ F802	XBA2C50TR0	FUSE 250V 5A
F802-1	EYF-52BC	FUSE HOLDER
F802-2	EYF-52BC	FUSE HOLDER
JA1	ERJ6GEY0R00	M 0 OHM J 1/10W
JA2	ERJ6GEY0R00	M 0 OHM J 1/10W
JA3	ERJ6GEY0R00	M 0 OHM J 1/10W
JA4	ERJ6GEY0R00	M 0 OHM J 1/10W
JA5	ERJ6GEY0R00	M 0 OHM J 1/10W
JA6	ERJ6GEY0R00	M 0 OHM J 1/10W
JA7	ERJ6GEY0R00	M 0 OHM J 1/10W
JA8	ERJ6GEY0R00	M 0 OHM J 1/10W
JA9	ERJ6GEY0R00	M 0 OHM J 1/10W
JA10	ERJ6GEY0R00	M 0 OHM J 1/10W
JA11	ERJ6GEY0R00	M 0 OHM J 1/10W
JA12	ERJ6GEY0R00	M 0 OHM J 1/10W
JA13	ERJ6GEY0R00	M 0 OHM J 1/10W
JA14	ERJ6GEY0R00	M 0 OHM J 1/10W
JA15	ERJ6GEY0R00	M 0 OHM J 1/10W
JA16	ERJ6GEY0R00	M 0 OHM J 1/10W
JA17	ERJ6GEY0R00	M 0 OHM J 1/10W
JA18	ERJ6GEY0R00	M 0 OHM J 1/10W
JA19	ERJ6GEY0R00	M 0 OHM J 1/10W
JA20	ERJ6GEY0R00	M 0 OHM J 1/10W
JA21	ERJ6GEY0R00	M 0 OHM J 1/10W
JA22	ERJ6GEY0R00	M 0 OHM J 1/10W
JA23	ERJ6GEY0R00	M 0 OHM J 1/10W
JA24	ERJ6GEY0R00	M 0 OHM J 1/10W
JA25	ERJ6GEY0R00	M 0 OHM J 1/10W
JA26	ERJ6GEY0R00	M 0 OHM J 1/10W
JA27	ERJ6GEY0R00	M 0 OHM J 1/10W
JA28	ERJ6GEY0R00	M 0 OHM J 1/10W
JA29	ERJ6GEY0R00	M 0 OHM J 1/10W
JA30	ERJ6GEY0R00	M 0 OHM J 1/10W
JA31	ERJ6GEY0R00	M 0 OHM J 1/10W
JA32	ERJ6GEY0R00	M 0 OHM J 1/10W
JA33	ERJ6GEY0R00	M 0 OHM J 1/10W
⚠ JK351	TJSC01100	CRT SOCKET
JK2501	TJSF22915	15P CONNECTOR
JK3002	TJBA122	REAR TERMINAL
JK3151	TJBA094	FRONT TERMINAL
JS1	ERJ6GEY0R00	M 0 OHM J 1/10W
JS2	ERJ6GEY0R00	M 0 OHM J 1/10W
JS3	ERJ6GEY0R00	M 0 OHM J 1/10W

Ref. No.	Part No.	Description
JS4	ERJ6GEY0R00	M 0 OHM J 1/10W
JS5	ERJ6GEY0R00	M 0 OHM J 1/10W
JS8	ERJ6GEY0R00	M 0 OHM J 1/10W
JS9	ERJ6GEY0R00	M 0 OHM J 1/10W
JS01	ERJ3GEY0R00	M 0 OHM 1/16W
JS02	ERJ3GEY0R00	M 0 OHM 1/16W
JS03	ERJ3GEY0R00	M 0 OHM 1/16W
JS04	ERJ3GEY0R00	M 0 OHM 1/16W
JS05	ERJ3GEY0R00	M 0 OHM 1/16W
JS06	ERJ3GEY0R00	M 0 OHM 1/16W
JS07	ERJ3GEY0R00	M 0 OHM 1/16W
JS08	ERJ3GEY0R00	M 0 OHM 1/16W
JS10	ERJ6GEY0R00	M 0 OHM J 1/10W
JS11	ERJ3GEY0R00	M 0 OHM 1/16W
JS12	ERJ3GEY0R00	M 0 OHM 1/16W
JS12	ERJ6GEY0R00	M 0 OHM J 1/10W
JS13	ERJ3GEY0R00	M 0 OHM 1/16W
JS13	ERJ6GEY0R00	M 0 OHM J 1/10W
JS14	ERD25TC0	C 0 OHM 1/4W
JS14	ERJ3GEY0R00	M 0 OHM 1/16W
JS14	ERJ6GEY0R00	M 0 OHM J 1/10W
JS15	ERD25TC0	C 0 OHM 1/4W
JS15	ERJ3GEY0R00	M 0 OHM 1/16W
JS17	ERJ3GEY0R00	M 0 OHM 1/16W
JS17	ERJ6GEY0R00	M 0 OHM J 1/10W
JS18	ERJ3GEY0R00	M 0 OHM 1/16W
JS19	ERJ3GEY0R00	M 0 OHM 1/16W
JS19	ERJ6GEY0R00	M 0 OHM J 1/10W
JS20	ERJ3GEY0R00	M 0 OHM 1/16W
JS21	ERJ3GEY0R00	M 0 OHM 1/16W
JS22	ERJ3GEY0R00	M 0 OHM 1/16W
JS22	ERJ6GEY0R00	M 0 OHM J 1/10W
JS23	ERJ3GEY0R00	M 0 OHM 1/16W
JS23	ERJ6GEY0R00	M 0 OHM J 1/10W
JS31	ERJ3GEY0R00	M 0 OHM 1/16W
JS32	ERJ3GEY0R00	M 0 OHM 1/16W
JS33	ERJ3GEY0R00	M 0 OHM 1/16W
JS34	ERJ3GEY0R00	M 0 OHM 1/16W
JS35	ERJ3GEY0R00	M 0 OHM 1/16W
JS36	ERJ3GEY0R00	M 0 OHM 1/16W
JS37	ERJ3GEY0R00	M 0 OHM 1/16W
JS38	ERJ3GEY0R00	M 0 OHM 1/16W
JS39	ERJ3GEY0R00	M 0 OHM 1/16W
JS40	ERJ3GEY0R00	M 0 OHM 1/16W
JS41	ERJ6GEY0R00	M 0 OHM J 1/10W
JS42	ERJ6GEY0R00	M 0 OHM J 1/10W
JS43	ERJ6GEY0R00	M 0 OHM J 1/10W
JS44	ERJ6GEY0R00	M 0 OHM J 1/10W
JS47	ERJ6GEY0R00	M 0 OHM J 1/10W
JS150	ERD25TC0	C 0 OHM 1/4W
⚠ RL801	TSEH8011	RELAY
RM1001	PNA4601M04TV	REMOTE CONTROL RECEIVER
⚠ RTL	TNPA0796AD	CIRCUIT BOARD B2
⚠ RTL	TNPA1180 (FOR TX-29P100X/XM)	CIRCUIT BOARD X
⚠ RTL	TNPA1180AB (FOR TX-33P100X/XM/XA)	CIRCUIT BOARD X
⚠ RTL	TNPA1181AB (FOR TX-29P100X/XM)	CIRCUIT BOARD G1
⚠ RTL	TNPA1182	CIRCUIT BOARD H
⚠ RTL	TNPA1184 (FOR TX-29P100X/XM)	CIRCUIT BOARD K1
⚠ RTL	TNPA1185	CIRCUIT BOARD T
⚠ RTL	TNPA1230 (FOR TX-33P100X/XM/XA)	CIRCUIT BOARD G2
⚠ RTL	TNPA1231 (FOR TX-33P100X/XM/XA)	CIRCUIT BOARD K2

TX-29P100X/XM:TX-33P100X/XM/XA

Ref. No.	Part No.	Description
⚠ RTL	TNPA1323	CIRCUIT BOARD L
	(FOR TX-29P100X/XM)	
⚠ RTL	TNPA1323AB	CIRCUIT BOARD L
	(FOR TX-33P100X/XM/XA)	
⚠ RTL	TNPA1344	CIRCUIT BOARD P2
⚠ RTL	TNPA1345	CIRCUIT BOARD Z1
	(FOR TX-29P100X/XM)	
⚠ RTL	TNPA1445	CIRCUIT BOARD Z2
	(FOR TX-33P100X/XM/XA)	
⚠ RTL	TNPH0234AB	CIRCUIT BOARD D
	(FOR TX-29P100X/XM)	
⚠ RTL	TNPH0234AD	CIRCUIT BOARD D
	(FOR TX-33P100X/XM/XA)	
⚠ RTL	TNPH0235AB	CIRCUIT BOARD A
	(FOR TX-29P100X/XM)	
⚠ RTL	TNPH0235AH	CIRCUIT BOARD A
	(FOR TX-33P100X/XM/XA)	
⚠ RTL	TXNDG10EUC	CIRCUIT BOARD DG
S501	TSEB8007	SLIDE SWITCH
S1001	EVQ81F05R	SWITCH
S1002	EVQ81F05R	SWITCH
S1003	EVQ81F05R	SWITCH
S1004	EVQ81F05R	SWITCH
S1005	EVQ81F05R	SWITCH
S1006	EVQ81F05R	SWITCH
S1007	EVQ81F05R	SWITCH
S1008	ESB41A1154	SWITCH
X101	EFCKK6267K	CERAMIC FILTER
X102	EFCKK9351M	CERAMIC FILTER
X180	EFCWS2F11T	CERAMIC FILTER
X181	EFCS6R0MW5	CERAMIC FILTER
X182	EFCS6R5MW5	CERAMIC FILTER
X183	EFCS4R5MW5BA	CERAMIC FILTER
X201	CSB1000J527	CERAMIC FILTER
X1101	TSSA096	CRYSTAL
X1300	TSSA072	CRYSTAL
X1301	TSSA072	CRYSTAL
X1302	TSSA124	CRYSTAL
X2001	TSSA128	CRYSTAL
X3001	TAFCSB503F15	CERAMIC FILFTER
X3002	TAFCSB503F15	CERAMIC FILFTER
X3501	TSSA121	CRYSTAL

Ref. No.	Part No.	Description